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Date March 23, 2008

Total Pages of Results 43 (incl. cover)

☒ Search only in Chemistry and Materials Science.

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Scholar All articles - [Recent articles](#) Results 1 - 100 of about 395 for (metal OR metallic) AND (surface OR film OR layer

All Results

[S Clark](#)

[J Homola](#)

[H Shin](#)

[C Scotchford](#)

[R Freeman](#)

Did you mean: (metal OR metallic) AND (surface OR film OR layer) AND (modify OR modifying OR modification OR modified OR *modified* OR change OR changed OR changes OR changing OR remove OR removed OR removing OR ablating OR ablation) AND ("SAM" OR self-assemble OR self-assembly OR self-assembling) AND (sulfur OR thiol) AND (pattern OR patterning) AND (dip OR dipped OR dipping OR immerse OR immersed OR immersing OR immersion)

[Engineering the Microfabrication of Layer-by-Layer Thin Films - all 2 versions »](#)

SL Clark, PT Hammond - Advanced Materials, 1998 - doi.wiley.com

... be selectively attached to a metal or metal oxide surface ... (Film growth normal to the surface was 70, 80 ... a deep, narrow canyon over the EG surface that persisted ...

[Cited by 41](#) - [Related Articles](#) - [Web Search](#)

[\[PDF\] Characterization of Ligand-Functionalized Microcantilevers for Metal Ion Sensing - all 4 versions »](#)

P Dutta, PJ Chapman, PG Datskos, MJ Sepaniak - Sens. Actuators, B, 1996 - mnl.ornl.gov

... group for binding to the metallic MC surface on ... phases and interacting with aqueous metal ion electrolyte ... while our fabricated dealloyed surface is positively ...

[Cited by 7](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Surface plasmon resonance sensors: review - all 3 versions »](#)

J Homola, SS Yee, G Gauglitz - Sensors & Actuators: B. Chemical, 1999 - Elsevier

... of biomolecules directly on the metal surface is not ... monolayer immobilized onto a gold film with biotin [91 ... due to the hydrophobic character of the surface. ...

[Cited by 526](#) - [Related Articles](#) - [Web Search](#)

[... OF TiO₂ THIN FILMS ON ORGANIC SELF-ASSEMBLED MONOLAYERS: PART I. FILM FORMATION FROM AQUEOUS ... - all 5 versions »](#)

H Shin, RJ Collins, MR De Guire, AH Heuer, CN ... - Journal of Materials Research, 1995 - mrs.org

... via a crosslinked siloxane network to the metal oxide (hydroxide ... out by exposure of the thioacetate surface to a ... the abrupt interface between the film and SAM ...

[Cited by 90](#) - [Related Articles](#) - [Web Search](#)

[NANOPATTERNING OF CONDUCTING POLYMERS AND CONDUCTIVITY MEASUREMENTS WITH NANOMETER-SPACED ELECTRODES](#)

SHM PERSSON, P DYREKLEV, O INGANAS - Atomic and Molecular Wires, 1997 - books.google.com

... in a large tunnel junction instead of a metallic contact. ... contact between the two layers of evaporated metal and an insulating SAM only on the gold surface. ...

[Related Articles](#) - [Web Search](#)

[SPR biosensors: simultaneously removing thermal and bulk-composition effects - all 4 versions »](#)

MJ O'Brien II, SRJ Brueck, VH Perez-Luna, LM ... - Biosensors and Bioelectronics, 1999 - Elsevier

... polarizing cube beam-splitter and a metallic mirror ... to affix analyte receptors to the metal film, the TAB ... An optical-temperature sensor using surface plasmons ...

[Cited by 6](#) - [Related Articles](#) - [Web Search](#)

[... human osteoblast-like cells on alkanethiol on gold self-assembled monolayers: The effect of surface ... - all 3 versions »](#)

CA Scotchford, E Cooper, GJ Leggett, S Downes - Mater Res, 1998 - doi.wiley.com

... biometals, or coating the metal component with ... deposition of the gold film, samples were ... LE Ericson, "Bone response to surface-modified titanium implants ...

[Cited by 49 - Related Articles - Web Search](#)

[... polymer multilayer fabrication by controlled adhesion of polyelectrolytes to plasma-modified ... - all 2 versions »](#)

TG Vargo, JM Calvert, KJ Wynne, JK Avlyanov, AG ... - Supramolecular Science, 1995 - Elsevier

... of modified and unmodified FEP, nickel metal masks were ... spectrum of 17-layer PANI/PSS multilayer film on a ... decreases from 115° for an unmodified surface to 55 ...

[Cited by 16 - Related Articles - Web Search](#)

[Adsorption of Stearic Acid on Hydrophobic Surface: FT-IR Spectroscopic Study](#)

DA Mirzakhajev, SJ Ahn, K Kim - Bull. Korean. Chem. Soc, 1996 - newjournal.kcsnet.or.kr

... of organic molecules on non-metallic hydrophobic surface. ... Holding the surface pressure at 30 mN/m ... that adsorption occurs by forming metal-sulfur bonds after ...

[Related Articles - Cached - Web Search](#)

[Sulfur containing lignin modified alkaline earth treated phenolic impregnating resins for core ... - all 2 versions »](#)

MP Seidel, TJ Fuller - US Patent 4,476,193, 1984 - Google Patents

... were made using sulfur containing lignin modified, alkaline-earth ... 6, having a print sheet layer laminated thereto ... of claim 1, where the alkali-metal compound of ...

[Cited by 1 - Related Articles - Web Search](#)

[\[PDF\] Electroless Deposition of Metal Nanoislands on Amino-thiolate-Functionalized Au \(111\) Electrodes - all 7 versions »](#)

H Kind, AM Bittner, O Cavalleri, K Kern, T Greber - J. Phys. Chem. B, 1998 - mpi-stuttgart.mpg.de

... It is known that only metallic Pd 0 can act as ... This means that prior to ELD of the metal (in our ... measurements to estimate the size and the surface density of ...

[Cited by 23 - Related Articles - View as HTML - Web Search](#)

[Self-Assembled Metal Colloid Monolayers: An Approach to SERS Substrates - all 7 versions »](#)

RG Freeman, KC Grabar, KJ Allison, RM Bright, JA ... - Science, 1995 - sciencemag.org

... and are not embedded with- in, the organic film. ... ward the solution) and the particle surface are necessary ... that the sur- face of immobilized metal particles is ...

[Cited by 353 - Related Articles - Web Search](#)

[Thin microstructured polymer films by surface-directed film formation - all 5 versions »](#)

HG Braun, E Meyer - Thin Solid Films, 1999 - Elsevier

... 12. Structured polystyrene film formed by controlled dewetting of ... the partial covering of metal surfaces can ... that the study of surface-directed microstructures ...

[Cited by 9 - Related Articles - Web Search](#)

[Oligonucleotide hybridization observed by surface plasmon optical techniques - all 2 versions »](#)

D Piscevic, R Lawall, M Veith, M Liley, Y Okahata, ... - Applied Surface Science, 1995 - Elsevier

... performed with silver as the metal layer because its ... the dispersion curve any thin-film coating results ... 9. Surface plasmon icroic images taken sjutaneoly from ...

[Cited by 32 - Related Articles - Web Search](#)

[THE MODIFICATION OF SEMICONDUCTOR SURFACES BY MOLECULAR SELF-ASSEMBLY](#)

DL Allara - Atomic and Nanometer-Scale Modification of Materials, 1993 - books.google.com

... substrates for cell growth studies [16], chemically enhanced metal atom nucleation ... SAMs to promote adhesion of a polymer film used on a gold surface as a ...

[Related Articles - Web Search](#)

Ceramic Thin-Film Formation on Functionalized Interfaces Through Biomimetic Processing - all 7 versions »

BC Bunker, PC Rieke, BJ Tarasevich, AA Campbell, ... - Science, 1994 - sciencemag.org
... such as laser ablation and metal-organic chemical ... is usually done after the film is deposited ... article is to demonstrate how surface functionalization routes ...
Cited by 85 - Related Articles - Web Search

Passivation effect of (nh4) 2sx treatment on gaas surface before photo-resist and o2 processes - all 2 versions »

KS Suh, JL Lee, HH Park, CH Kim, J Lee, KS Nam - Materials Science & Engineering B, 1996 - Elsevier
... such as oxygen atoms and metallic impurities to ... when applied to a fabricated metal semiconductor field ... bonds resist the oxidation of the surface and oxidation ...
Related Articles - Web Search

[PDF] New Substrates for Polymer Cationization with Time-of-Flight Secondary Ion Mass Spectrometry - all 4 versions »

R Michel, R Luginbühl, DJ Graham, BD Ratner - Anal. Chem, 1985 - textorgroup.ch
... angles suggests a similar double-layer structure as ... as will be shown later, the metal ions adsorbed ... assuming little thallium adsorption onto the gold surface. ...
Cited by 9 - Related Articles - View as HTML - Web Search

New directions in self-assembly: materials synthesis over 'all'length scales - all 4 versions »

I Soten, GA Ozin - Current Opinion in Colloid & Interface Science, 1999 - Elsevier
... Conductivity measurements revealed the metallic nature of the ... materials based upon organic/silica, metal/silica, enzyme ... that starts at the surface of the ...
Cited by 31 - Related Articles - Web Search

Spectroscopic and surface-analytical characterization of self-assembled layers on Au - all 3 versions »

S Mittler-Neher, J Spinke, M Liley, G Nelles, M ... - Biosensors and Bioelectronics, 1995 - Elsevier
... and with a dielectric layer on top of the metal, respectively, with ... binding was a function of the film composition ... SURFACE FUNCTIONALIZATION WITH CYCLODEXTRINS ...
Cited by 21 - Related Articles - Web Search

Thin film formulations of substituted phthalocyanines - all 2 versions »

MJ Cook - Journal of Materials Chemistry, 1996 - rsc.org
... v) 150 °C; (vi) LiOPe/PeOH, followed by metal insertion as ... pressure starts to rise at a higher surface area per molecule and above 25 mN m⁻¹ the film collapses ...
Cited by 62 - Related Articles - Web Search

Template-Assisted Nano

A Fujita, KO Hwang, AL Bramblett, BD Ratner, JW ... - Biopolymers (Peptide Science), 1998 - doi.wiley.com
... to enrich the binding site for a particular metal ion on ... obtained on a Surface Science Instruments X-Probe or S- ... The porphyrin film was then dissolved in a mini ...
Web Search

... of polybithiophene films on titanium electrodes: bare and modified with aromatic and aliphatic ... - all 4 versions »

Z Mekhalif, J Delhalle, P Lang, F Garnier, JJ ... - Synthetic Metals, 1998 - Elsevier
... 162 eV associated with sulfur bonded to metallic Ti atoms ... Unlike the bare surface (solid line) the I(t ... exhibit the current drop characteristic of metal oxidation ...
Cited by 10 - Related Articles - Web Search

Supramolecular thin films via the Langmuir-Blodgett-Kuhn (LBK) technique - all 2 versions »

R Advincula, W Knoll - Colloids and Surfaces A: Physicochemical and Engineering ..., 1997 - Elsevier
... For gold-layer coated substrates, metal vapor deposition ... allowed the possibility of surface charge modification between monolayer film deposition. ...
Cited by 3 - Related Articles - Web Search

...) trimethylplatinum and low-temperature organometallic chemical vapor deposition of

platinum metal - all 2 versions »

Z Xue, MJ Strouse, DK Shuh, CB Knobler, HD Kaesz, ... - Journal of the American Chemical Society, 1989 - pubs.acs.org

... For deposition of metallic platinum, a stream of Ar gas ... 120 °C, becomes coated with a film of highly ... Na- (MeCp) by reaction with sodium metal in tetrahydrofuran ...

[Cited by 20](#) - [Related Articles](#) - [Web Search](#)

Direct alpha to X phase conversion of metal-free phthalocyanine - all 3 versions »

CH Griffiths, MS Walker - US Patent 3,932,180, 1976 - Google Patents

... can then be fused to the surface of the ... in Example I. EXAMPLE XII The X metal-free phthalocyanine ... and a 10 mi -cron thick aluminum film vacuum deposited ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

Intermolecular electrical conductance in self-assembled monolayers - all 4 versions »

A Inoue, W Mizutani, T Ishida, H Tokumoto - Applied Physics A: Materials Science & Processing, 1998 - Springer

... The metal- patterned substrate was immersed in a 2mM OTS solution ... 500 nm was evaporated on the cleaned surface of a ... by cleaving the GaAs with the Ag film in a ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Hydrogenation of Aromatics in Diesel Fuels on Pt/MCM-41 Catalysts - all 8 versions »

A Corma, A Martínez, V Martínez-Soria - Journal of Catalysis, 1997 - Elsevier

... The higher surface area and better Pt dispersion ... the hydrogenation activity with the metal disper- sion ... or what is equivalent, with the metallic area calculated ...

[Cited by 113](#) - [Related Articles](#) - [Web Search](#)

Method of Evaluating Metal Cleaners

S Spring, HI Forman, LF Peale - Industrial & Engineering Chemistry Analytical Edition, 1946 - pubs.acs.org

... use with an alkaline silicate plus a synthetic deter- gent and rinsed with water until a complete water film is sus ... The surface condition of metal panels has ...

[Related Articles](#) - [Web Search](#)

Emerging techniques for investigating molecular interactions at lipid membranes - all 4 versions »

S Heyse, T Stora, E Schmid, JH Lakey, H Vogel - BBA-Reviews on Biomembranes, 1998 - Elsevier

... filling the remaining regions of bare metal with a ... buffer, decoupling the lipid layer from the solid surface. ... ensures the provision of a water film between the ...

[Cited by 53](#) - [Related Articles](#) - [Web Search](#)

[PDF] Self Assembled Monolayers - all 2 versions »

T Pradeep - RESONANCE, 1999 - ias.ac.in

... applied to the study of a film arranged on a ... the molecules will not migrate from one surface to another ... the development of molecularly thin metal/ oxide layers ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

Metal Clusters and Colloids - all 2 versions »

G Schmid, LF Chi - Advanced Materials, 1998 - doi.wiley.com

... size are provided with the last few ^ametallic^o, ie, mobile ... G. Schmid, LF Chi/Metal Clusters and Colloids ... 9. TEM image of an alumina membrane surface with 50 ...

[Cited by 92](#) - [Related Articles](#) - [Web Search](#)

Formation of a Novel CdS Cluster in an Organic Multilayer Template: A Case of an Organic/Inorganic ... - all 2 versions »

I Ichinose, N Kimizuka, T Kunitake - The Journal of Physical Chemistry, 1995 - pubs.acs.org

... is capable of coordinating to a metal ion in ... to exert only minor effects on the layer structure ... thickness; θ , angle between incident beam and the film surface. ...

[Cited by 20](#) - [Related Articles](#) - [Web Search](#)

Recording sheets containing cationic sulfur compounds - all 2 versions »

SL Malhotra, BS Bryant - US Patent 5,314,747, 1994 - Google Patents

... with the ion valence of the metal thereof being 2 ... yalkylene) modified compounds of sorbitan esters, fatty ... ceiving sheet comprising a surface layer containing a ...

[Cited by 24](#) - [Related Articles](#) - [Web Search](#)

[\[PDF\] EFFECTS OF ACIDIC DEPOSITION ON PAINTED WOOD: A REVIEW - all 2 versions »](#)

RS Williams - J. Coatings Tech., 1991 - fpl.fs.fed.us

... at the top was protected with a metal strip 55 ... the primer coat begins to show, the surface or topcoat ... The film had increased tensile strength and tensile yield ...

[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Self-assembly of aluminium-pillared clay on a gold support - all 3 versions »](#)

P Cool, A Clearfield, V Mariagnanam, LJM Ellistrem ... - Journal of Materials Chemistry, 1997 - rsc.org

... solution containing large oligomeric hydroxy-metal cations (eg Al ... takes place on the external surface area, and ... vapours on a pillared laponite film with the ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[Commercial quartz crystal microbalances-theory and applications - all 3 versions »](#)

CK O'Sullivan, GG Guilbault - Biosensors and Bioelectronics, 1999 - Elsevier

... a plethora of other applications: thin film deposition control ... a QCM and studied the metal complex binding ... RNA macromolecules binding to its surface when in ...

[Cited by 130](#) - [Related Articles](#) - [Web Search](#)

[Self-assembly of aluminium-pillared clay on a gold support - all 2 versions »](#)

EF Vansanta - J. Mater. Chem, 1997 - rsc.org

... solution containing large oligomeric hydroxy-metal cations (eg Al ... takes place on the external surface area, and ... vapours on a pillared laponite film with the ...

[Web Search](#)

[Light-Directed Assembly of Nanoparticles" - all 2 versions »](#)

T Vossmeier, E Delonno, JR Heath - J. Phys. Chem, 1995 - doi.wiley.com

... the thicker film. ... Preparation of gold nanoparticles and coupling to surface amino groups. ... stabilized with dodecylamine molecules (2.6 nm metal-core diameter ...

[Cited by 25](#) - [Related Articles](#) - [Web Search](#)

[Photographic element with novel subbing layer - all 2 versions »](#)

WJ Van Oolj, DR Boston, EJ Woo... - US Patent 5,204,219, 1993 - Google Patents

... percent weight to metal oxide solids. ... film by: 1) a 10 cmX20 cm sheet of film is placed on a ... flat surface; 2) a bead of the mixture is drawn across the ...

[Cited by 9](#) - [Related Articles](#) - [Web Search](#)

[Selective chemical vapor deposition of polymers - all 3 versions »](#)

KM Vaeth, KF Jensen - US Patent 5,869,135, 1999 - Google Patents

... substrate has been subjected to abrasion with a metal tool, ... s. was stamped onto the surface as described in Example 1. ... visible. Overall film thick- ...

[Cited by 9](#) - [Related Articles](#) - [Web Search](#)

[Modification of sensor surfaces](#)

PN Bartlett - Handbook of Chemical and Biological Sensors, 1996 - books.google.com

... 171], and, by the incorporation of catalytic metal particles, hydrogen ... over the location and thickness of the deposited film. ... OTHER SURFACE MODIFICATIONS 161

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[Nanometer pores in ultrathin silica films prepared by self-assembly of organic spacers in an](#)

[... - all 8 versions »](#)

S Singh, DY Sasaki, J Cesarano, AJ Hurd - Thin Solid Films, 1999 - Elsevier

... to create uniform pore sizes in metal oxide thin ... molecules resulting in a rough surface following calcination ... circular pores in the silica film having diameters ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[Corrosion-proof transparent heater panels and preparation process thereof - all 3 versions »](#)

M Yoshikai, K Takahashi, M Koyama, Y Harada, Y ... - US Patent 5,911,899, 1999 - Google Patents
... view of a third outerly connected metal tab substituting ... Outerly connected metallic fittings 13 and 13' are mounted ... 1 to a direction in its surface, the main ...
[Cited by 11](#) - [Related Articles](#) - [Web Search](#)

[Template-Directed Nucleation and Growth of Inorganic Materials](#) - all 3 versions »
BR Heywood - Biomimetic Materials Chemistry, 1995 - books.google.com
... presence of a diffuse layer of metal ions beneath ... that molecular patterning of the surface is a ... growth of inorganic, organometallic, and metallic complexes has ...
[Cited by 98](#) - [Related Articles](#) - [Web Search](#)

[Electric recording process of images using electron sensitive layer containing trivalent cobalt ...](#) - all 2 versions »
M Tsuboi, Y Suzuki, M Tabei... - US Patent 4,131,463, 1978 - Google Patents
... to as a chelating agent), (c) a film-forming organic ... 2 a support with at least the surface 25 being ... cobalt (III) complexes, such as alkali metal (eg, Li, Na ...
[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[XPS Imaging of Patterned Self-assembled Monolayers Containing Perfluorinated Alkyl Chains](#) - all 2 versions »
SD Evans, TM Flynn, A Ullman, G Beamson - Surface and Interface Analysis, 1996 - doi.wiley.com
... The metal films were deposited using an Edwards ... Samples were mounted on metallic stubs using double ... microscopic level. Our studies using surface plasmon imaging ...
[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[Autoradiographic determination of mass-transfer limitations in immobilized cell reactors](#) - all 2 versions »
SF Karel, CR Robertson - Biotechnology and Bioengineering, 1989 - doi.wiley.com
... The flow cell and electrode surface were sterilized with 5 ... 24 h each to allow diffusion into the cell layer. ... slide was placed on an ice-cooled metal tray for ...
[Cited by 21](#) - [Related Articles](#) - [Web Search](#)

[Infrared and Raman spectroscopic study of 1, 2-benzenedithiol adsorbed on silver](#) - all 3 versions »
SH Cho, YJ Lee, MS Kim, K Kim - Vibrational Spectroscopy, 1996 - Elsevier
... tives have components normal to the metal surface are exclusively ... assembled on an evapo-rated silver film should be ... 1,4-BDT) adsorbed on the silver surface [15 ...
[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[Scanning probe microscope and molecular processing method using the scanning probe microscope](#) - all 3 versions »
T Nakagawa... - US Patent 5,730,940, 1998 - Google Patents
... Probing the Surface Forces of Mono-layer Films covered with an oxidized film; and shows an embodiment ... probe is detached from the substance surface tion when ...
[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

[Scanning probe microscope, molecular processing method using the scanning probe microscope and DNA](#) ... - all 4 versions »
T Nakagawa... - US Patent 5,363,697, 1994 - Google Patents
... probe microscope is an covered with an oxidized film; and shows an ... with metal by a vapor deposition process so as to reflect ... contact the surface of sample 60. ...
[Cited by 41](#) - [Related Articles](#) - [Web Search](#)

[Liquid crystal composition and alignment layer](#) - all 7 versions »
R Shashidhar, B Peek, BR Ratna, JM Calvert, JM ... - US Patent 5,578,351, 1996 - Google Patents
... forming molecules within the plane of the film. ... bromide films, oxidized metal surfaces, metal surfaces, plastic ... UV radiation to obtain an anisotropic surface. ...
[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[Electrostatographic imaging member with anti-curl layer comprising a reaction product of a](#)

[binder bi ... - all 2 versions »](#)

RCU Yu, AM Horgan, FJ Wieloch - US Patent 4,654,284, 1987 - Google Patents

... metallic conductive anode layer ... 3,357,989, metal phthalocyanines such as copper ... these holes through the active layer in order to discharge the surface charge on ...

[Cited by 41](#) - [Related Articles](#) - [Web Search](#)

[Arylamine containing polyhydroxy ether resins and system utilizing arylamine containing polyhydroxyl ... - all 3 versions »](#)

WW Limburg, DS Renfer, JF Yanus, LA Teuscher - US Patent 4,818,650, 1989 - Google Patents

... the polymeric film forming binder in the transport layer ... n g member having a substrate, a titanium metal ... having an electrically conductive surface, a charge ...

[Cited by 42](#) - [Related Articles](#) - [Web Search](#)

[Assembly of supramolecular polymers in ultrathin films - all 3 versions »](#)

VV Tsukruk - Progress in Polymer Science, 1997 - Elsevier

... as a result of complexation of transition metal ions has ... The flow pattern and resulting film thickness are ... the rate of solvent evaporation, surface tension and ...

[Cited by 44](#) - [Related Articles](#) - [Web Search](#)

[Refractometer Studies on Rubber-Pigment Mixtures](#)

HC Jones - Industrial & Engineering Chemistry, 1940 - pubs.acs.org

... squeezed into thin films between layers of metal foil in ... of the organic solvent adsorbed on the surface of the ... OXIDE FROV PL ECREPE-ZINC OXIDE FILM Before Extn ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[Laminate, laminate film and shaped article comprising inorganic laminar compound - all 3 versions »](#)

K Kotani, T Kawakita, T Sakaya, T Kuroda - US Patent 5,766,751, 1998 - Google Patents

... the film forming property or formability of a resin composition rises an octahedral layer comprising a central metal ... to sandwich the octahedral layer ...

[Cited by 14](#) - [Related Articles](#) - [Web Search](#)

[Monolayers of Bolaform Amphiphiles: Influence of Alkyl Chain Length and Counterions - all 5 versions »](#)

G Mao, YH Tsao, M Tirrell, HT Davis, V Hessel, J ... - Langmuir, 1994 - pubs.acs.org

... in the crystalline state or in monolayer ... Three thin film techniques, namely, atomic force microscopy (AFM), surface force measurement (SFA), and ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[Resin derived from sulfur-containing unsaturated compound and having a high refractive index - all 2 versions »](#)

S Matsuoka, M Amano, Y Kida - US Patent 5,214,116, 1993 - Google Patents

... tral pattern is shown according to the manner of bond ... The sulfur-containing unsaturated compounds of for ... In order to remove hydrogen chloride from HS(CH₂CH₂SH) m R₄ ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[Electrophotographic photoreceptor comprising an undercoat layer containing a polyamide copolymer - all 2 versions »](#)

T Ichino, E Sakai, Y Takei - US Patent 5,075,189, 1991 - Google Patents

... The T-type non-metallic phthalocyanines are disclosed in ... improve the plate wear, on the surface thereof may ... the dispersion is coated on the undercoat layer or ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[Organic photo conductive medium - all 2 versions »](#)

K Sakai, T Miyazaki, K Eguchi, H Kawada, Y Tomida, ... - US Patent 4,929,524, 1990 - Google Patents

... pound or a built-up film thereof may be any ... surface with the use of the organic conductive medium ... The reason why a conductive material such as metal can be used ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[Determination of the physical structure of biological materials at biosensor interfaces by ... -](#)

[all 2 versions »](#)

UJ Krull, RS Brown, ET Vandenberg, WM Heckl - Journal of Electron Microscopy Technique, 1991 - doi.wiley.com

... a mica surface coated with a layer of Pt ... variation of average refractive index and film thickness of ... imaging BSA molecules coated onto a plain graphite surface. ...

[Cited by 6](#) - [Related Articles](#) - [Web Search](#)

Self-Assembled Monolayers on Gold Generated from Alkanethiols with the Structure

RNHCOCH₂SH - [all 3 versions »](#)

SW Tam-Chang, HA Biebuyck, GM Whitesides, N Jeon, ... - Langmuir, 1995 - pubs.acs.org

... an olefin) can be problematic, and a straightforward sequence that modified an existing ... weakly bound to gold and are thus easily removed from its surface. ...

[Cited by 38](#) - [Related Articles](#) - [Web Search](#)

Fractionation of sulfur isotopes and selenium between coexisting sulfide minerals from the

Besshi ... - [all 2 versions »](#)

M Yamamoto, K Kase, M Tsutsumi - Mineralium Deposita, 1984 - Springer

... of massive sulfide ores and another layer of banded ... and other geologists of Sumitomo Metal Mining Co ... HR: Sulfur isotope partitioning in metallic sulfide systems ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

DEVELOPMENT OF COPPER-ON-ALUMINA CATALYTIC MATERIALS FOR THE CLEANUP OF FLUE GAS AND THE DISPOSAL OF ... - [all 6 versions »](#)

G Centi - Journal of Materials Research, 1995 - mrs.org

... the sorbent-catalyst to form surface metal-sulfate species. ... through the intermediate formation of metallic copper, (ii ... form a CuAl₂O₄ spinel-like surface species ...

[Related Articles](#) - [Web Search](#)

Recent developments in the design and application of screen-printed electrochemical sensors for ... - [all 5 versions »](#)

JP Hart, SA Wring - Trends in Analytical Chemistry, 1997 - Elsevier

... A layer of uricase was deposited on the outside ... detection of gaseous ethanol using thick-film tech- nology ... prior to pass- ing ethanol vapour over the surface. ...

[Cited by 87](#) - [Related Articles](#) - [Web Search](#)

Thin films and nanolaminates incorporating organic/inorganic interfaces - [all 5 versions »](#)

S Manne, IA Aksay - Current Opinion in Solid State & Materials Science, 1997 - Elsevier

... b) Self-assembly of metallic nanoparticles on ... the nucleation of semiconductor and metal nanoparticles [Z ... wherein substrates with varying surface chemistries are ...

[Cited by 11](#) - [Related Articles](#) - [Web Search](#)

The atomic force microscope as a tool to study and manipulate local surface properties - [all 4 versions »](#)

M Jaschke, HJ Butt, S Manne, HE Gaub, O Hasemann, ... - Biosensors and Bioelectronics, 1996 - Elsevier

... its analytical capabilities, surfaces can be modified with the ... from the tip onto the high-energy mica surface. ... it hardened to become a stable layer of about 12 ...

[Cited by 8](#) - [Related Articles](#) - [Web Search](#)

Chemical functionalization of surfaces - [all 6 versions »](#)

JFW Keana, MN Wybourne, SX Cai, M Yan - US Patent 5,580,697, 1996 - Google Patents

... on Polymer-Polymer and Polymer-Metal Adhesion," Polymer ... ie, organic polymers with metallic properties) such ... Functionalization of a substrate surface can occur ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

IRRADIATION BONDING OF ACIDIC COMPOUNDS TO SHAPED POLYMERIC STRUCTURES

D Tanner - US Patent 2,999,056, 1961 - Google Patents

... If only surface effects are desired, or if the ... 5% acetic acid solution, to remove metallic ions, similar ... fiber prop -erties is obtained on metal ion treatment ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

Determination of atmospheric sulfur dioxide without tetrachloromercurate (II) and the mechanism of ...

PK Dasgupta, K DeCesare, JC Ullrey - Analytical Chemistry, 1980 - pubs.acs.org
... to ozone, oxides of nitrogen, and transition-metal ions and ... This paper presents a modified WG method which does ... In all cases, the organic layer was next washed ...
[Cited by 65](#) - [Related Articles](#) - [Web Search](#)

Method of forming a permselective layer - all 2 versions »

RM Mier, S Piznik, IR Lauks, G Davis - US Patent 5,212,050, 1993 - Google Patents
... METAL ... not been demonstrated or shown to be fully 20 taming an enzyme on a solid surface, drying, applying a ... and removing noncrosslinked portions of said film, ...
[Cited by 6](#) - [Related Articles](#) - [Web Search](#)

Laser induced deposition of tungsten and copper - all 4 versions »

M Meunier, R Izquierdo, M Tabbal, S Evoy, P ... - Materials Science & Engineering B, 1997 - Elsevier
... above the noise level (< 1 at.%) in the metal film. ... eg, CF₄, CO and C), were detected at the surface. ... to the metallic Au⁰ state with no apparent damage to the ...
[Cited by 6](#) - [Related Articles](#) - [Web Search](#)

[CITATION] Tin and Tin Plate

FA Lowenheim, RA Woofar, RR Hartwell - Corrosion Resistance of Metals and Alloys, 1963 - Reinhold Pub. Corp
[Related Articles](#) - [Web Search](#)

Non-ferrous metals/Nichteisenmetalle

RK Melekhov, FIZK Mekh, MTJP Mater - Chem. Phys, 1986 - doi.wiley.com
... on its surface of a protective film which prevents ... The properties and applications of metal hydrides are ... they enhance the reduction in the surface energy of ...
[Web Search](#)

[BOOK] Copper Plating Mercaptan Rubber-base Impression Material: A Thesis Submitted in Partial Fulfillment. ...

MN Halhoul - 1963 - University of Michigan
[Web Search](#)

Biosensors for chemical and biological agents of defence interest - all 6 versions »

BM Paddle - Biosensors and Bioelectronics, 1996 - Elsevier
... 1990) BIAcore (coated gold or silver layer on glass ... al., 1988) and the measurement of surface plasmon resonance at a liquid-metal film interface has ...
[Cited by 52](#) - [Related Articles](#) - [Web Search](#)

Photoresist composition and article containing 1, 2-quinonediazide and an organic phosphorous acid ... - all 3 versions »

H Yoshimoto, K Kobayashi ... - US Patent 5,633,111, 1997 - Google Patents
... form of a salt of a metal such as alkali ... tantalum, glass/aluminum, a glass/silicon nitride film, glass/ ... Further, alcohols and surface active agents can also be ...
[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[BOOK] Physics, Chemistry and Technology of Solid State Gas Sensor Devices - all 2 versions »

A Mandelis, C Christofides - 1993 - books.google.com
... The ac Photopyroelectric Thin-Film Detector: Pd-PVDF-Al ... gas are the main means for the study of the surface-gas interaction in the metal-gas system. ...
[Cited by 75](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

Materials and methods for the immobilization of bioactive species onto polymeric substrates - all 8 versions »

PD Drumheller ... - US Patent 5,897,955, 1999 - Google Patents
... The second layer is used to enhance the ... Synthesis and nonthrombogenicity of poly-etherurethaneurea film grafted with ... migrate and cluster on the surface of a ...

[Cited by 8 - Related Articles - Web Search](#)

Conductive metallization of substrates via developing agents - all 4 versions »

WJE Parr, RE Hutton, PYY Moy, D Frank, DA Strawser - US Patent 4,997,674, 1991 - Google Patents
... was found to have been cleanly transferred to the surface of the ... where a continuous, lustrous highly conductive and well-adhered layer of metal had been ...

[Web Search](#)

Steel and related materials - all 6 versions »

TR Dulski - Analytical Chemistry, 1991 - pubs.acs.org

... citations in Chemical Abstracts and Metal Abstracts is ... By using this approach, metallic aluminum, aluminum oxide ... used to distinguish between surface carbon and ...

[Cited by 7 - Related Articles - Web Search](#)

Presensitized lithographic printing plate and method for preparing lithographic printing plate - all 3 versions »

K Takeda, S Kawakami, K Maejima, K Nakatani, S ... - US Patent 5,858,604, 1999 - Google Patents
... polyvinyl alcohol, cellophan and polystyrene; metal plates such ... element(s). A plastic film laminated or ... it is preferably subjected to surface treatments such ...

[Cited by 24 - Related Articles - Web Search](#)

Silver halide color photographic light-sensitive material and method for forming color images by ... - all 3 versions »

M Asami, N Ooshima... - US Patent 5,422,232, 1995 - Google Patents

... to light applied through a color negative film having a transparent ... aid, for example, such as a metal salt of ... three dimensional surface roughness measuring ma- ...

[Cited by 6 - Related Articles - Web Search](#)

Topological construction of mesoporous materials - all 2 versions »

D Zhao, Y Peidong, H Qisheng, C Bradley F, S Galen ... - Current Opinion in Solid State & Materials Science, 1998 - Elsevier

... mesostructures [36",37,38] and mesoporous metallic Pt [39 ... space group and a high BET surface area (-1500 ... been found for the early transition metal oxides by ...

[Cited by 60 - Related Articles - Web Search](#)

Catalyst and metal ferrites for reduction of hydrogen sulfide emissions from automobile exhaust - all 2 versions »

JS Rieck, W Suarez, JE Kubsh - US Patent 4,916,105, 1990 - Google Patents

... is an object of this invention to chemically modify the auto ... additive also is able to form a stable surface sulfide ... Anoble metal-containing-CeO₂/La₂O₃/Al₂O₃ ...

[Cited by 3 - Related Articles - Web Search](#)

Partial combustion process and a catalyst structure for use in the process - all 2 versions »

RA Dalla Betta, T Shoji, K Tsurumi, N Ezawa - US Patent 5,326,253, 1994 - Google Patents

... support may be metallic or ceramic ... less active palladium metal as the temperature rises 55 strates has ... surface to limit the rate at which the fuel diffuses to ...

[Cited by 13 - Related Articles - Web Search](#)

[BOOK] Protective Metallic Coatings at Elevated Temperatures

R Parkman - 1949 - Stanford University

[Related Articles - Web Search - Library Search](#)

PREPARATION OF ALUMINA-SUPPORTED CATALYST COMPOSITIONS AND THE PRODUCTS THEREOF

H Talsma - US Patent 3,397,154, 1968 - Google Patents

... 3. All four supports have a similar surface area of ... interior corresponding in size to the original metal particle. ... contains from 2 to 5% of metallic aluminum ...

[Cited by 16 - Related Articles - Web Search](#)

STATIC SECONDARY ION MASS SPECTROMETRY (S-SIMS) PART 2: MATERIAL

SCIENCE APPLICATIONS - all 2 versions »

XII APPLICATIONS - Mass Spectrometry Reviews, 1999 - doi.wiley.com

... c groups improves the binding between metallic layers and ... Polymer coating of metal implants can be applied ... Plasma surface treatment has been applied for almost ...

[Related Articles](#) - [Web Search](#)

Method of manufacturing a plurality of uniform microfabricated sensing devices having an immobilized ... - all 3 versions »

SN Cozzette, G Davis, J Itak, IR Lauks, RM Mier, S ... - US Patent 5,063,081, 1991 - Google Patents

... However, no aspect of thin-film processing is described ... The combination of a layer containing the enzyme urease ... state, is then mounted onto the surface of an ...

[Cited by 113](#) - [Related Articles](#) - [Web Search](#)

Perfluorocyclobutane ring-containing polymers - all 4 versions »

DA Babb, WF Richey, KS Clement, BR Ezzell - US Patent 5,159,038, 1992 - Google Patents

... unstable than when said groups are attached, for instance to oxygen or sulfur. ... bromine or iodine may be eliminated, for instance, using metallic reactants as ...

[Cited by 38](#) - [Related Articles](#) - [Web Search](#)

Sensitivity and selectivity of ion channel biosensor membranes - all 2 versions »

PDJ Osman, BA Cornell, B Raguse, LG King ... - US Patent 5,234,566, 1993 - Google Patents

... A monomers, in which each monomer is in a different layer. ... can be laid down as a secondary film in series ... If the lipid is directly coating a metal surface ...

[Cited by 10](#) - [Related Articles](#) - [Web Search](#)

Scanning Tunneling Microscopy and Atomic Force Microscopy in Organic Chemistry - all 2 versions »

J Frommer - Angewandte Chemie International Edition in English, 1992 - doi.wiley.com

... this process disrupts the assembled film reversibly or ... 7.3), layer-by-layer etching of metal chalcogenide surfaces ... of states over specific sites in the surface. ...

[Cited by 92](#) - [Related Articles](#) - [Web Search](#)

Synthesis and applications of supramolecular-templated mesoporous materials - all 2 versions »

JY Ying, CP Mehnert, MS Wong ... - Angew Chem Int Ed, 1999 - doi.wiley.com

... acteristics: uniform pore sizes greater than 20 Å, surface areas in ... Silicate Layer Puckering Instead of the formation of silicate-covered micellar ... metal cation ...

[Cited by 620](#) - [Related Articles](#) - [Web Search](#)

Positive-working light-sensitive composition containing diazonium salt and novolak resin - all 3 versions »

S Kondo, M Tsuchiya, S Ishige, T Sugiyama, T Inno, ... - US Patent 5,370,965, 1994 - Google Patents

... area of the light-sensitive layer formed from ... sition is applied onto the surface of a ... as a polyethylene, polypropylene or polystyrene film, metal plates such ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

Microcapsule containing photo-oxidizing agent and leuco dye - all 2 versions »

S Washizu, J Yamaguchi, F Shinozaki, A Shimomura, T ... - US Patent 4,962,009, 1990 - Google Patents

... when applied to a photographic film, paper or ... droplets, and protective colloids and surface active agents to ... as described above, a recording layer excellent in ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[BOOK] Vibrational Spectroscopy on Intermolecular Interactions in Solutions and at Interfaces - all 6 versions »

JWM Nissink - 1999 - library.uu.nl

... at the outer surface of the layer (ch. ... field resulting from reflection at the air-metal interface. At the surface, the electric field intensity for p-polarised ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

Structure and Moisture Permeability of Film-Forming Polymers

PW Morgan - Industrial & Engineering Chemistry, 1953 - [pubs.acs.org](#)

... Metal foils, which are highly crystalline substances, are almost ... When the surface of the film was firm, the ... by solution at one face of the film and evaporation ...

[Cited by 8](#) - [Related Articles](#) - [Web Search](#)

Coated substrates employing oriented layers of mutant heme proteins and methods of making and using ... - [all 4 versions »](#)

JM Olinger, SG Sligar, MA McLean, PW Bohn, P ... - US Patent 5,466,589, 1995 - [Google Patents](#)

... inorganic materials such as siliceous materials and metal oxides. ... between the markers and the substrate surface in the same layer is substantially the same ...

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Did you mean to search for: (metal OR metallic) AND (surface OR film OR layer) AND (modify OR modifying OR modification OR modified OR *modified* OR change OR changed OR changes OR changing OR remove OR removed OR removing OR ablating OR ablation) AND ("SAM" OR self-assemble OR self-assembly OR self-assembling) AND (sulfur OR thiol) AND (pattern OR patterning) AND (dip OR dipped OR dipping OR immerse OR immersed OR immersing OR immersion)

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[S Clark](#)

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[first results on nanofabrication and phthalocyanine polymers](#)

C DEKKER, SJ TANS, LJ GEERLIGS, A BEZRYADIN, J WU, ... - Atomic and Molecular Wires, 1997 - books.google.com

... use "conventional" electron-beam nanofabrication of metal electrodes to ... a low-stress 60 nm SiN film on a ... diffusion-limited supply of material at the surface. ...

[Related Articles](#) - [Web Search](#)

[The Modifications of the Carbide, Fe₂C; Their Properties and Identification](#)

LJE Hofer, EM Cohn, WC Peebles - Journal of the American Chemical Society, 1949 - pubs.acs.org
... and insulated on the outside with a layer of asbestos ... reached, the heating is stopped, and the sample is ... After eighty-two hours, the change in weight was ...

[Cited by 14](#) - [Related Articles](#) - [Web Search](#)

[Initiation and bonding of diamond and other thin films - all 2 versions »](#)

RM Bension, LK Truesdale - US Patent 5,455,072, 1995 - Google Patents

... coatings, especially those with a crystalline, metallic, or alloy ... the 1-position will present a surface with a ... the chain end with sodium metal and thioacetic ...

[Cited by 17](#) - [Related Articles](#) - [Web Search](#)

[... of heating during development after image exposure with a conductive layer containing carbon black - all 2 versions »](#)

H Ozaki, H Naito, S Sawada - US Patent 5,047,310, 1991 - Google Patents

... desired that the volume resistance of dry film ranges from ... forming latent image mainly on the surface of silver ... Organic metal oxidizing agents are believed to ...

[Related Articles](#) - [Web Search](#)

[Organophosphorus enamines useful as epoxy curatives and adhesion promoters - all 5 versions »](#)

MD Johnson, MS Chattha - US Patent 4,550,201, 1985 - Google Patents

... Glass to metal bonds are then prepared and tested as ... DETA and no treatment of the 15 glass surface, line B ... The layers are separated and the aqueous layer 65 is ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[Methods for fabricating shapes by use of organometallic, ceramic precursor binders - all 7 versions »](#)

JW Hinton, A Lukacs III, JA Jensen, MS Newkirk, MK ... - US Patent 5,433,261, 1995 - Google Patents

... 1,3,5,7-tet-metallic ceramic precursors ... excellent filler material surface wetting and (2) the binder 45 to ... as a mold for metal casting in accordance with the ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[Photographic element with microvoided sheet of opalescent appearance - all 2 versions »](#)

TS Gula, PT Aylward, RP Bourdelais, DN Haydock - US Patent 5,888,681, 1999 - Google Patents

... and reflect creating the opalescent, metallic properties ... sheets could be formed with surface layers that ... polyamines and stannous salts; noble metal compounds, eg ...

[Cited by 37](#) - [Related Articles](#) - [Web Search](#)

Magnetic resist printing process, composition and apparatus - all 3 versions »

GR Nacci, DG Pye... - US Patent 4,338,391, 1982 - Google Patents

... mounted one above the other in a metallic frame, 13 ... chemically mill double-sided patterns or shapes on metal. ... hole-free) resist image on the substrate surface. ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

Photographic silver halide light-sensitive material - all 2 versions »

S Ichijima, K Mihayashi, I Itoh... - US Patent 4,522,917, 1985 - Google Patents

... oZ9 varies with changes in concentration. ... which is used to stabilize the image, and a film-removing bath which is used to remove the backing layer of the ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

Heat-developable light-sensitive material with base precursor - all 2 versions »

H Hirai, K Sato... - US Patent 4,622,289, 1986 - Google Patents

... alkali metal ion or an alkaline earth metal ion are ... For this purpose, the surface active agents illustrated in ... invention can be introduced into a layer of the ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

Thermally developable light-sensitive material - all 2 versions »

S Ikenoue, T Masuda, Y Iwata... - US Patent 4,039,334, 1977 - Google Patents

... A pre-ferred amount of the metal containing compound ranges ... materials in the presence of a surface active agent ... comprising an organic silver salt layer with a ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

Organic vehicle for electronic composition - all 4 versions »

L Wilczek, JW O'Neil... - US Patent 5,397,383, 1995 - Google Patents

... the removal of surface oxides which may form on the surface of metals. ... metal alloy solders may also be used, such as alloys of ... The amount of metallic inorganic ...

[Cited by 13](#) - [Related Articles](#) - [Web Search](#)

[CITATION] REGIONAL HYDROGEOCHEMICAL PATTERNS IN GROUND WATER OF NORTHWESTERN OHIO AND THEIR RELATION TO ...

EH CARLSON - Geochemical Exploration 1982, 1984 - Elsevier Publishing Company

[Related Articles](#) - [Web Search](#)

Silver halide color photographic material - all 6 versions »

K Sakanoue, M Yagihara, S Ichijima, K Nagao... - US Patent 4,500,634, 1985 - Google Patents

... densities (an input signal-output film density transformation ... ener and surface active agent were incorporated ... restrainer in the silver halide emulsion layer. ...

[Cited by 17](#) - [Related Articles](#) - [Web Search](#)

[CITATION] THERMODYNAMIC PROPERTIES OF REFRACTORY TRANSITION METAL COMPOUNDS* Larry Kaufman and Harold ...

CT AB STRA - Anisotropy in Single-Crystal Refractory Compounds: ..., 1968 - Plenum Press

[Related Articles](#) - [Web Search](#)

Process for producing heat developable light-sensitive compositions and elements - all 2 versions »

S Ikenoue, T Masuda... - US Patent 4,213,784, 1980 - Google Patents

... both of Asaka, Japan [73] Assignee: Fuji Photo Film Co., Ltd ... to mix the materials in the presence of a surface active agent ... (2) Halogen containing metal complexes ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

Wholly microfabricated biosensors and process for the manufacture and use thereof - all 4 versions »

SN Cozzette, G Davis, JA Itak, IR Lauks, RM Mier, ... - US Patent 5,200,051, 1993 - Google Patents

... Matsuoka, M. et al., Plating & Surface Finishing, 1988, 75, 102-106. ... FIG. 16a metal FIG. 16b NPR -I- Enzyme ... ods which may include the thin-film and photoresist ...

[Cited by 15](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

Ordered mesoporous materials - all 3 versions »

U Ciesla, F Schüth - Microporous and Mesoporous Materials, 1999 - Elsevier

... by self-assembly of the metal alkoxide-amine ... mesoporous silica with pores parallel to the film surface. ... area growth of mesoporous thin film silica could be ...

[Cited by 282](#) - [Related Articles](#) - [Web Search](#)

... , Ontario: An Example of Melting and Mobilization of a Precious Metal-Sulfosalt Assemblage during ... - all 2 versions »

AG Tomkins, DRM Pattison, E Zaleski - Economic Geology, 1063 - SecG

... a sulfosalt is a mineral with metal(s), metalloid(s) ... between melting of sulfosalts and metallic sul- fides ... layers occur on either side, this layer would typically ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

Heat-developable color photographic materials with base precursor - all 2 versions »

H Hirai, K Kawata... - US Patent 4,499,180, 1985 - Google Patents

... Kanagawa, Japan [73] Assignee: Fuji Photo Film Co., Ltd ... purpose, the surface active agents illustrated in other ... glass, paper, metal or analogues thereto may be ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

Direct Observation of Alkali Vapor Release during Biomass Combustion and Gasification. 1.

... - all 8 versions »

DC Dayton, RJ French, TA Milne - Energy & Fuels, 1995 - pubs.acs.org

... for coal combustion may need to be modified for biomass ... A. F. Factors Governing the Surface Enrichment of Fly ... reactor used to study alkali metal release during ...

[Cited by 38](#) - [Related Articles](#) - [Web Search](#)

[CITATION] **ngHT mim**

LM Industry - Light Metal Age, 1958 - Roy Fellom

[Web Search](#)

Silver halide photographic light-sensitive material - all 3 versions »

N Matsunaga... - US Patent 5,766,835, 1998 - Google Patents

... represents a hydrogen atom, an alkali metal, or an ... be carried out at any stage subsequent to the production of a support (film), the surface treatment (an ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

Photographic element containing water-absorbing compound - all 2 versions »

T Aono, K Nakamura, T Shibata... - US Patent 5,085,980, 1992 - Google Patents

... cles such as metallic fine powder, carbon black, graph- ... dye-fixing material exists on the surface of the ... material such as graphite, carbon black, metal, or the ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Heat developement dye-transfer process using crosslinked binders with dye mordants - all 2 versions »

T Aono, K Nakamura, T Shibata, T Nakamura... - US Patent 4,636,455, 1987 - Google Patents

... which are pro- vided on the same surface of the ... these cross-linking agents, such as alkali metal bisul- lar ... of the coating aptitude and the film strength, the ...

[Cited by 6](#) - [Related Articles](#) - [Web Search](#)

Heat exchange apparatus for effecting heat exchange in plurality of gases, heat exchange element for ... - all 2 versions »

N Saito, J Tamura, S Take, M Kurosawa, I Terada... - US Patent 4,911,227, 1990 - Google Patents

... metal silicate (such as sodium silicate) with a filler se- ... The surface of the honeycomb structure can ... nally cross each other to form a four-layer honeycomb ...

[Web Search](#)

Silver halide color photographic material containing monodispersed tabular silver halide grains - all 2 versions »

K Goda... - US Patent 4,775,617, 1988 - Google Patents

... such as glass, ceramic, metal, etc., usually used ... surface active agents, fluorescent

whitening agents, 10 sulfur ... On a triacetate film support were coated the ...

[Cited by 8 - Related Articles - Web Search](#)

[Heat development of silver halide element with redox dye releaser and stabilizer - all 2 versions »](#)

Y Sakaguchi, T Aono, S Fujita... - US Patent 4,536,467, 1985 - Google Patents

... changing the conventional wet development process ... No. [^] a change in maximum density of light-sensitive ... image receiving layer has been proposed. However, the ...

[Cited by 3 - Related Articles - Web Search](#)

[CITATION] [Corrosion Inhibition on Steel Tubes in Low-Pressure Steam Boilers](#)

WA KEILBAUGH, FJ POCOOCK - Transactions, 1968 - The Society

[Web Search](#)

[BOOK] [Science and Applications of Conducting Polymers](#)

WR Salaneck, DT Clark, EJ Samuelsen - 1991 - books.google.com

... An example might use lithium metal as the counter ... for /JGxEg; dashed curve: heavily doped polymer (metallic). ... where s denotes the actual surface area occupied ...

[Cited by 92 - Related Articles - Web Search - Library Search](#)

[High-temperature sulfidation-regeneration of copper \(II\) oxide-alumina sorbents](#)

V Patrick, GR Gavallas, M Flytzani-Stephanopoulos, ... - Industrial & Engineering Chemistry Research, 1989 - pubs.acs.org

... retardation of copper reduction to the metallic form engendered by ... This metal stub was then coated with a ... Furthermore, both the high BET surface areas measured ...

[Cited by 1 - Related Articles - Web Search](#)

[Electrically conductive organic polymeric material and process for production thereof - all 2 versions »](#)

S Yata - US Patent 4,601,849, 1986 - Google Patents

... ible substrate can be contacted with an alkali metal- ... or a non-metallic element oxide, the substrate can be ... then doping only a part of that surface with the ...

[Cited by 5 - Related Articles - Web Search](#)

[Lithographic printing plates having a radiation-sensitive layer comprising a photocrosslinkable](#)

... - all 2 versions »

JE Mitchell, PR West, PR Josephson Jr - US Patent 5,141,839, 1992 - Google Patents

... in turn transfers the ink to the surface of the ... is utilized to prepare an image-forming layer of a ... 8 Z represents the non-metallic atoms necessary to complete ...

[Related Articles - Web Search](#)

[Passivating heavy metals in carbo-metallic oil conversion - all 3 versions »](#)

WP Hettinger Jr... - US Patent 4,454,025, 1984 - Google Patents

... These heavy met- als tend to deposit near the surface of the catalyst ... Spinel 60 of binary metallic oxides may then form at the additive metal to heavy ...

[Cited by 3 - Related Articles - Web Search](#)

[A new class of thiolipids for the attachment of lipid bilayers on gold surfaces - all 3 versions »](#)

H Lang, C Duschl, H Vogel - Langmuir, 1994 - pubs.acs.org

... by means of a Langmuir film balance combined ... measurements, cyclic voltammetry, and surface plasmon resonance ... Thin-layer chromatography (TLC) was carried out on ...

[Cited by 105 - Related Articles - Web Search](#)

[Cellulosic article containing an olefinic oxide polymer and method of manufacture - all 5 versions »](#)

J Markulin - US Patent 5,358,765, 1994 - Google Patents

... tubular film casing of specific wall thickness and diame- ... and cover the surface of the frankfurter. ... about 70,000. certain transition metal ions. ...

[Cited by 17 - Related Articles - Web Search](#)

Process for preparing biologically compatible polymers and their use in medical devices - all 4 versions »

NA Plate, LI Valuev, LD Uzhinova, VA Sinani - US Patent 5,945,457, 1999 - Google Patents
... this problem has been to chemically modify the polymer ... of heparin 45 on a polymer surface has been ... One method employs modification of a surface, such as an ...
Cited by 15 - Related Articles - Web Search

Rotary shadowing with platinum-carbon in biological electron microscopy: A review of methods and ...

DE Chandler - Journal of Electron Microscopy Technique, 1986 - doi.wiley.com
... to coat surface structures with a uniform film of metal on ... Uniform deposition of metal on all sides of an ... and extracellularly accumulate on the surface of the ...
Cited by 1 - Related Articles - Web Search

Corrosion in the Oil Industry - all 6 versions »

D Brondel, F Montrouge, R Edwards, A Hayman, F ... - Journal of Petroleum Technology, 1987 - slb.com
... as a catalyst accelerating the dissolution of metal [M +]. This ... itation of FeS directly onto the steel surface. ... of turbulence, so that the scale film is left ...
Cited by 6 - Related Articles - Web Search

Use of electrochemical techniques to study the Langmuir-Blodgett films of redox active materials - all 8 versions »

LM Goldenberg - Russian Chemical Reviews, 1997 - iurpion.org
... materials such as ferrocenes, metal bipyridine complexes ... prepared films showed the metallic conductivity \pm temperature ... the increase of surface pressure used ...
Cited by 4 - Related Articles - Web Search

[BOOK] Elements of Geology

JH Zumberge, CA Nelson - 1972 - John Wiley & Sons
Cited by 7 - Related Articles - Web Search - Library Search

Method for inhibiting discoloration on cellulose food casings - all 2 versions »

MD Nicholson, HS Chiu - US Patent 4,511,613, 1985 - Google Patents
... sulate the metallic contaminant particles, thus prevent- 60 weight ... reduction-oxidation reaction of the metal with the ... be applied to the internal surface of the ...
Cited by 2 - Related Articles - Web Search

[BOOK] Handbook of Aluminum Bonding Technology and Data - all 3 versions »

JD Minford - 1993 - books.google.com
... state) could be considered practical metallic-type adhesives. ... or "as received" aluminum oxide surface is converted ... The extent of metal bonding was extended to ...
Cited by 28 - Related Articles - Web Search - Library Search

MATERIALS REPORTS

RP Andres, RS Averback, WL Brown, LE Bras, A ... - J. Mater. Res, 1989 - mrs.org
... only landing species and building a film from these ... Surface stabilization also offers the possibility of ... small ($n < 30$) monodisperse metal and semiconductor ...
Related Articles - Web Search

Photothermal Beam Deflection and Photoaction Spectroscopic Study of CdS Photoelectrodes in ... - all 6 versions »

RE Wagner, A Mandelis - Applied Spectroscopy, 1989 - ingentaconnect.com
... the electrolyte with the semiconductor, and an insulated metal ohmic contact ... an electrode with an optically thin surface- damage layer, the absorption ...
Web Search

Low acidity Y zeolite - all 3 versions »

KZ Steigleder - US Patent 5,190,903, 1993 - Google Patents
... of the carrier material such as shape and surface ... two or more different modification techniques could be ... Impregnation of the metal hydrogenation component into ...

[Cited by 7 - Related Articles - Web Search](#)

Fundamental studies of microscopic wetting on organic surfaces. 1. Formation and structural ... - all 2 versions »

RG Nuzzo, LH Dubois, DL Allara - Journal of the American Chemical Society, 1990 - pubs.acs.org

... clear that a necessary outcome of film disorder is ... qualitatively predictive of the type of surface phase formed. ... depends, in part, upon the layer thickness, and ...

[Cited by 332 - Related Articles - Web Search](#)

Photographic element with indicia on oriented polymer back sheet - all 5 versions »

RP Bourdelais, DN Haydock, TS Gula, PT Aylward - US Patent 6,007,665, 1999 - Google Patents

... including solid or hollow glass spheres, metal or ceramic ... as having preferably at least one layer, may also be ... sheets could be formed with surface layers that ...

[Cited by 51 - Related Articles - Web Search](#)

[CITATION] ... diagrams of these sections illustrate the repeated and appreciable changes in implant cover. For ...

DANS Vol - Catalogue des monnaies antiques, de Pertinax à la réforme ..., 1977 - Musées de Charleville-Mézières

[Web Search](#)

ELECTROCHEMISTRY OF ORGANIZED MONOLAYERS OF THIOLS AND RELATED MOLECULES ON ELECTRODES

HO Finklea - Electroanalytical Chemistry: A Series of Advances, 1996 - books.google.com

... eg, COOH), which tend to adsorb to metal oxides [145, 153 ... of the polar groups with a surface oxide layer. ... The surface film adheres to the STM tungsten tip after ...

[Cited by 73 - Related Articles - Web Search](#)

REVERSE OSMOSIS SEPARATIONS USING A TREATED POLYAMIDE MEMBRANE

US Patent 3,551,331, 1970 - Google Patents

... periph- 30 ery of the membrane and against the metal. ... not shown) mounted adjacent to the test film inside the ... fiber-forming and has a non-tacky surface at room ...

[Cited by 8 - Related Articles - Web Search](#)

ELECTROCHEMISTRY OF HIGH-T_c SUPERCONDUCTORS

JT McDevitt, SG Haupt, CE Jones - Electroanalytical Chemistry: A Series of Advances, 1996 - books.google.com

... an organic molecular system containing no metallic elements in ... atwo-electron transfer at the surface of a ... Eventually, the metal layer reaches a thickness that ...

[Cited by 5 - Related Articles - Web Search](#)

[CITATION] LUORIC ACID, FOR QUANTITATIVE SFROM SILICATE ROCKS

... C SULimanite, D Sulfur, E Tennantite-tetrahedrite ... - Journal of Research of the US Geological Survey, 1978 - [for sale by the Supt. of Docs., US Govt. Print. Off.]

[Related Articles - Web Search](#)

[BOOK] Trace Elemental Analysis of Metals: Methods and Techniques - all 3 versions »

TR Dulski - 1999 - books.google.com

... are often associated with compounds and metallic phases in ... ray fluorescence, or looking at surface quadrants by ... in the manufacture of a metal commodity these ...

[Cited by 5 - Related Articles - Web Search - Library Search](#)

Invited article Liquid crystal templating of porous materials - all 3 versions »

ME RAIMONDI - Liquid Crystals, 1999 - informaworld.com

... More recently, the addition of key metallic or molecular ... framework, and the synthesis of various other transition metal oxide ... density, and surface properties. ...

[Cited by 20 - Related Articles - Web Search](#)

Large pore catalysts for heavy hydrocarbon conversion - all 7 versions »

WP Hettinger Jr, JE Lewis... - US Patent 4,624,773, 1986 - Google Patents

... liquid hydrocarbon products from carbo-metallic oils contaminated ... of zeolite particles exposed at the surface of the ... be -cause of coke and metal accumulations. ...

[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

[CITATION] A CONTRIBUTION TO ECONOMIC GEOLOGY

P DISTRICT, G COUNTY - Geological Survey Bulletin, 1949 - US Dept. of the Interior, Geological Survey; Washington, DC: For ...

[Related Articles](#) - [Web Search](#)

Light-sensitive silver halide color photographic material having improved cyan image density - all 2 versions »

S Tanaka, H Sato - US Patent 5,227,282, 1993 - Google Patents

... In the formula, ZMrepresents a group ofnon-metallic atoms necessary for formation of a ... colloid layer). ... various compounds which change the spectral absorp- ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Catalyst useful for methanation and preparation thereof - all 3 versions »

JK Pargeter, UMU Ahmad - US Patent 4,196,100, 1980 - Google Patents

... various metals or metal compounds, ... lb/ft 3), a surface area of about 0.05 mVg and a pore ... able characteristics, hence, if the nickel layer is re- ...

[Web Search](#)

PHOTOELECTROCHEMICAL DEVICES UTILIZING MOLECULE-BASED EXCITED STATE REACTIONS AT COATED POLYMER ...

JL Ru, M Kaneko - Molecular Electronics and Molecular Electronic Devices, 1993 - books.google.com

... as an acceptor by coordinating to the metal complex rather than by physical diffusion into the polymer film. ... MV+) formed electrochemically on the surface of an ...

[Related Articles](#) - [Web Search](#)

Process for preparation of lead compounds - all 4 versions »

Y Sugahara, H Naito, M Saito, T Mori, T Honma - US Patent 4,324,768, 1982 - Google Patents

... surface state can be kept for a long time if metallic ... granules having fresh metal surfaces are completely ... medium with metallic lead granules under mutual fric- ...

[Related Articles](#) - [Web Search](#)

Fine polymer particles having heterogeneous phase structure, silver photographic light sensitive ... - all 3 versions »

J Yamanouchi, H Watanabe, K Ishigaki, S Yamamoto, K ... - US Patent 5,804,357, 1998 - Google Patents

... posed a method in which a film for plate ... a salt concentration, the hydrophilic colloidal layer is not ... sensitive material comprising, on the same surface of a ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

Process using fluidized bed catalyst - all 2 versions »

JK Pargeter, UMU Ahmad - US Patent 4,397,964, 1983 - Google Patents

... pore struc- 55 oxygen present, surface area, and ... nation with irreducible metal oxides such as oxides of ... serve to stabilize the metallic catalyst phase against ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Fourier transform Raman spectroscopy and its application for the analysis of polymeric materials - all 3 versions »

G Xue - Progress in Polymer Science, 1997 - Elsevier

... 5. FT surface-enhanced Raman scattering (SERS ... IR spectrum of the same material, this spectrum being run as a thin film cast from ... change the instrument lineshape ...

[Cited by 14](#) - [Related Articles](#) - [Web Search](#)

Polystyrene-Bound Ethylene Diamine (PS-EDA) Chloromethylated polystyrene was synthesized. 10 A so - all 2 versions »

S Layers - Polymeric Materials Encyclopedia, 1996 - books.google.com

... of the EC layer with a great inner surface. ... of> 0.1 is desirable), • be free of metallic elements such ... In addition, the total metal ion concentration in the ...

[Related Articles - Web Search](#)

[BOOK] [Laser Induced Damage in Optical Materials: 1984 - all 4 versions »](#)

HE Bennett, AH Guenther, D Milam, BE Newman - 1986 - [books.google.com](#)

... In addition, surface-potential measurements were explored as an ... microscopy for analysis of metal surfaces to ... over Brewster-angle thin-film polarizers were low ...

[Web Search](#)

[Polystyrene-Bound Ethylene Diamine \(PS-EDA\)](#)

S Layers - [Polymeric Materials Encyclopedia](#), 1996 - [books.google.com](#)

... of the EC layer with a great inner surface. ... of > 0.1 is desirable), • be free of metallic elements such ... In addition, the total metal ion concentration in the ...

[Related Articles - Web Search](#)

[Review-Automatic Operations](#)

G Patterson - [Analytical Chemistry](#), 1955 - [pubs.acs.org](#)

... into water in a modification of the sulfur dioxide autometer ... weight change of 2.5 grams is measurable. ... beam by using the repul- sion between a metal plate on ...

[Related Articles - Web Search](#)

[Amorphous tetrafluoroethylene-hexafluoropropylene copolymers - all 8 versions »](#)

C Anolick, VA Petrov, BE Smart, CW Stewart, RC ... - US Patent 5,637,663, 1997 - [Google Patents](#)

... of physical forms, including film or paper, foil, sheet ... pans, trays, vessels, and the like; metal sheets and ... surface energy (and hence poor wetting by water or ...

[Cited by 19 - Related Articles - Web Search](#)

[PDF] [Oil-Impregnated Sandstone Deposits, Circle Cliffs Uplift, Utah - all 2 versions »](#)

HR Ritzma - 1981 - [ds.uhuc.utah.edu](#)

... redeposited in irregularities in the surface of erosion ... phenomena of alteration and color changes and relations ... and uranium and other metal mineralization are ...

[Cited by 2 - Related Articles - View as HTML - Web Search](#)

[FIBROUS ALUMINA MONOHYDRATE AND ITS PRODUCTION](#)

US Patent 2,915,475, 1959 - [Google Patents](#)

... liquid chosen is an alcohol, surface esterification of ... 2,196,016, April 2, 1940, by dissolving metal- ... be widely varied without greatly modifying the character ...

[Cited by 26 - Related Articles - Web Search](#)

[Novel compounds for detecting the presence of hydrolytic analytes in a test sample - all 3 versions »](#)

PF Corey - US Patent 4,704,460, 1987 - [Google Patents](#)

... ence of excess alkali metal bicarbonate such as NaH ... the 1602 cm⁻¹ band of polystyrene film was used ... were separated and the chilled aqueous layer 45 acidified ...

[Cited by 11 - Related Articles - Web Search](#)

[CITATION] [The Metallurgy of Thorium and Its Alloys](#)

ON Carlson, P Chioffi, G Murphy, D Peterson, BA ... - [Proceedings](#), 1956 - [United Nations](#)

[Cited by 2 - Related Articles - Web Search](#)

[Weldable black steel sheet with low-gloss appearance - all 4 versions »](#)

N Yoshimi, M Yamashita, T Watanabe - US Patent 5,387,473, 1995 - [Google Patents](#)

... of (1) to (13) above, wherein the black dye is a mixture of an metal complex of ... mg/2, in terms of metallic chromium. ... sion that may grow from any surface defect ...

[Cited by 7 - Related Articles - Web Search](#)

[CITATION] [Geothermal Systems in the Taupo Volcanic Zone: Their Characteristics and Relation to Volcanism and ...](#)

JW Hedenquist - [Late Cenozoic Volcanism in New Zealand](#), 1986 - [Royal Society of New Zealand](#)

[Cited by 27 - Related Articles - Web Search](#)

Radiation sensitive polymeric o-nitrophenyl acetals - all 3 versions »

CC Petropoulos - US Patent 4,086,210, 1978 - Google Patents

... Examples of oo film forming resins and other coating ... aluminum, copper and specially prepared metal and paper ... tive layer will depend upon such factors as the ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Synthesis and characterization of two regiochemically defined poly (dialkylbithiophenes): a ... - all 2 versions »

RMS Maior, K Hinkelmann, H Eckert, F Wudl - Macromolecules, 1990 - pubs.acs.org

... was obtained as a film on the surface of the ... dilute solutions and a ratio of metal halide to ... This metallic regime is achieved in unsubstituted poly(thiophene ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

The Development of Pyrolysis Gas Chromatography

VG Berezkin, HR Schulten - Critical Reviews in Analytical Chemistry, 1981 - informaworld.com

... ground-glass joint, (7) inert material layer, (8) insulator ... support for the pyrolyzed sample (film) of a ... the influence exerted by the metal surface on pyrolysis ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Hydrocarbon conversion process using pillared clay and a silica-substituted alumina - all 2 versions »

SL Lambert - US Patent 5,139,648, 1992 - Google Patents

... through the dealumina- 45 tion or modification of zeolitic ... normally character -ized by a surface area between ... a low level of alkali metal components, primarily ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

Sulfide formation in reservoir carbonates of the Devonian Nisku Formation, Alberta, Canada:

An ion ... - all 5 versions »

LR Riciputi, DR Cole, HG Machel - Geochimica et Cosmochimica Acta, 1996 - Elsevier

... exaggeration; depths are given relative to the surface. ... sequence of the Nisku Formation (modified from Anderson and ... of pyrite and other metal sulfides during ...

[Cited by 15](#) - [Related Articles](#) - [Web Search](#)

LIGHT SENSITIVE COMPOSITIONS FOR PHOTORESISTS AND LITHOGRAPHY

DG Borden - US Patent 3,567,453, 1971 - Google Patents

... num, copper and specially prepared metal and paper sup ... which may serve to improve film formation, coating ... include resins, stabilizers and surface active agents. ...

[Cited by 25](#) - [Related Articles](#) - [Web Search](#)

[BOOK] Geochemical Behavior of Selenium in Earth-surface Environments

JH Howard - 1969 - Dept. of Geology

[Web Search](#) - [Library Search](#)

[BOOK] Cereals in Breadmaking: A Molecular Colloidal Approach

AC Eliasson, K Larsson - 1993 - books.google.com

... surface free energy, whereas the values for metal oxides are ... By expanding the film it is possible to detect ... three types of waves that form on a water surface. ...

[Cited by 87](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] CONTRIBUTION TO ECONOMIC GEOLOGY

BJW ADAMS - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO

[Web Search](#)

Heterometal cuboidal clusters MFe₄S₆ (PEt₃)₄Cl (M= vanadium, molybdenum): synthesis, structural ...

E Nordlander, SC Lee, W Cen, ZY Wu, CR Natoli, A ... - Journal of the American Chemical Society, 1993 - pubs.acs.org

... the most recently characterized iron-sulfur cluster type ... 2 or with other exogenous metal ions to ... be synthesized by the methods of self-assembly and fragment (1 ...

[Web Search](#)

Fundamentals, methods, apparatus, reagents, automation, data processing

FC und flammenphotometrischer Detektion - Analytical and Bioanalytical Chemistry, 1989 - Springer

... porosity glasses with various boron contents on the surface. ... Separation of metal ions using in-situ complexation ... the solute alkyl chain into the bonded layer. ...

[Web Search](#)

Composition and test device for determining the presence of leukocytes containing a zwitterion ... - all 3 versions »

AC Skjold, H Hugl, G Wolfrum - US Patent 4,637,979, 1987 - Google Patents

... aheavy metal ion, P is 0 or 1, m is 2-5 ... cm- 1 band of polystyrene film was used as an external ... layers were separated and the chilled aqueous layer acidified to ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

FORMING GLASS FIBER WITH COMBINATION RESIN COATING

US Patent 3,437,517, 1969 - Google Patents

... is usually an aqueous dispersion of a film forming, synthetic ... mineral acid attached to the metal (as well ... XIV 100.0 Pluronic F-108 (surface-active) (reaction ...

[Cited by 10](#) - [Related Articles](#) - [Web Search](#)

[BOOK] The Use of Synthetic Environments for Corrosion Testing - all 4 versions »

PE Francis, TS Lee - 1988 - books.google.com

... and Control of Microbial Spoilage of Metal-Working Fluids ... tests for stress corrosion cracking of metallic materials. ... occur when the rate of change of with ...

[Web Search](#) - [Library Search](#)

Polyalkylenepolyamines as corrosion inhibitors - all 4 versions »

AH Schroeder, TY Ching, S Suzuki, K Katsumoto - US Patent 4,900,458, 1990 - Google Patents

... metallic surfaces of industrial equipment, the inhibitors ... polyamine may be contacted with the metal to be ... be combined with a solvent and a surface-active agent ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

[CITATION] SPECTACULAR PERFORMANCE OF LINATEX PUMP

NOFP CHANGED - Transactions of the Institution of Mining and Metallurgy, 1966 - The Institution

[Related Articles](#) - [Web Search](#)

[BOOK] Non-Hydrocarbon Methods of Geophysical Formation Evaluation

JK Hallenbourg - 1997 - books.google.com

... modification. ... Thus, I have just touched the surface of geophysics for non-hydrocarbon uses ... for minerals for paint and decoration, stone for tools, metal ore for ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] A CONTRIBUTION TO GEOCHEMICAL PROSPECTING FOR MINERALS

WZL AREA - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO

[Related Articles](#) - [Web Search](#)

GRAFT COPOLYMERS OF UNSATURATED

US Patent 3,670,048, 1972 - Google Patents

... for modifying a textile formed from shaped condensation ... wto the fabrfc surface at 7g o R in a 5Q ... Mrad) per 35 packaged in 5 mil polyethylene film packets and ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

NITROGENOUS CONDENSATION POLYMER-CONTAINING GRAFTED ACID

D Tanner - US Patent 3,099,631, 1963 - Google Patents

... forming and has a 65 non-tacky surface at room ... fabric with a variety of positively charged metallic ions. ... with either maleic or acrylic acid plus metal ion are ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

Silver halide photographic light sensitive material

M Nomiya - EP Patent 0,572,912, 1997 - freepatentsonline.com

... exposure of the twin plane in the surface of the ... method is one of the typical

noble-metal sensitizing methods ... TV use, color paper, color positive film and color ...

[Cached](#) - [Web Search](#)

[CITATION] per, Zinc, and Manganese in Alumi-num and Zinc Alloys.) M. Spalenka. Zeitschrift fur Analytische ...

ZMI Alu - Review of Metal Literature, 1967 - American Society for Metals

[Web Search](#)

[Geochemistry of the M'Passa Pb-Zn deposit \(Niari syncline, People's Republic of the Congo\).](#)

[... - all 2 versions »](#)

G Buffet, J Amosse, D Mouzita, P Giraud - Mineralium Deposita, 1987 - Springer

... they are over- lain by a thin layer of clay ... investigate the primary origin of the metal con- centrations ... the spatial distribution of the metallic ore- forming ...

[Related Articles](#) - [Web Search](#)

[Silver halide photographic light-sensitive material capable of super-rapid processing](#)

S Nagasaki, A Suzuki, E Yoshida, M Arai, N Tsuji - US Patent H000,674, 1989 - freepatentsonline.com

... represent a group of non-metal atoms necessary to ... represent a group of non-metallic atoms necessary ... of gelatin Amount Surface gelatin Amount Surface gelatin (g ...

[Cached](#) - [Web Search](#)

[CITATION] Enzymatic Fractionation of Carbon Isotopes by Phosphoenolpynivale Carboxylase from C 4 Plants'

TOM WHELAN, WM SACKETT - Contributions in Oceanography, 1950 - The College

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[S Clark](#)

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[R Freeman](#)

[Laser-Excited Atomic Fluorescence Spectrometry: Principles, Instrumentation, and Applications](#)

X Hou, SJJ Tsai, JX Zhou, KX Yang, RF Lonardo, RG ... - Lasers in Analytical Atomic Spectroscopy, 1997 - books.google.com

... Transition metal ion vibronic-state lasers 79 and titanium ... LEAFS, the tube atomizer must be modified by the ... Laser beam Figure 3.6 Front-surface illumination and ...

[Cited by 11](#) - [Related Articles](#) - [Web Search](#)

[Graphite electrodes and their production - all 2 versions »](#)

IC Lewis, RA Howard - US Patent 5,413,738, 1995 - Google Patents

... Each film is mea-sured and corrected for shrinkage. ... i. e ., an inter-layer spacing of 3.40 to 3.44 A ... the present invention and include metal halides such as ...

[Cited by 13](#) - [Related Articles](#) - [Web Search](#)

[Interdigitated electrode arrays for liposome-enhanced immunoassay and test device - all 5 versions »](#)

MA Roberts, RA Durst, RA Montagna, GS Rule... - US Patent 5,958,791, 1999 - Google Patents

... This system employs a modified hemagglutination inhibition mechanism, using ... and one immo-bilized on a solid surface. ... into or out of a biological binding layer ...

[Cited by 9](#) - [Related Articles](#) - [Web Search](#)

[\[BOOK\] Manganese Resources of the Artillery Mountains Region, Mohave County, Arizona](#)

BN Webber, SG Lasky - 1949 - US Govt. Print. Off.

[Related Articles](#) - [Web Search](#)

[Neutron activation analysis of multiple 10–100 µg glass samples from siderophile element ... - all 5 versions »](#)

DJ Lindstrom, JH Jones - Geochimica et Cosmochimica Acta, 1996 - Elsevier

... 3.1.4. Changes in Ir content of the melt with f0 ... observed glass compositions are due to metallic inclusions, the ... Perhaps the most obvious choice is metal of the ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[\[CITATION\] CONTRIBUTIONS TO GENERAL GEOLOGY](#)

JM SCHOPF - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO

[Web Search](#)

[Hydrothermal alteration within the basement of the sedimented ridge environment of Middle Valley, ... - all 3 versions »](#)

DS Stakes, P Schiffman - Bulletin of the Geological Society of America, 1999 - Geological Soc America

... their presence gives the cut rock surface a spotted ... Metal enrichment is consistent with formation of sulfide ... Virtually all the mafic layer sil-icates analyzed ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[\[CITATION\] ALUMINA AND BAUXITE](#)

LR Williams - Mineral Facts and Problems, 1956 - USGPO

[Related Articles](#) - [Web Search](#)

WATER-DISPERSIBLE NONWOVEN FABRIC

US Patent 3,563,241, 1971 - [Google Patents](#)

... water-sensitive surface having ionizable groups (acidic groups 70 ... of a salt of an alkali metal or ammonium ... Alternatively, the damp layer can be passed directly ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

Fabric structure for severe use applications - all 2 versions »

RC Kerr, JR Damewood, JR Menzel, EL Jarvis, BA Ross ... - US Patent 5,298,303, 1994 - [Google Patents](#)

... metal or other surfaces, or for aircraft fuel cells ... about 2 and then reacting the modified diisocyanate ... one and preferably more than one layer should contain ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[CITATION] GRC

FNI NGS - Materials Engineering, 1967 - Reinhold Pub. Corp., etc

[Web Search](#)

[CITATION] SOME HYDRODYNAMIC PROPERTIES OF NEUTRAL SUSPENSIONS OF CELLULOSE CRYSTALLITES AS RELATED TO SIZE AND ...

RH Marchessault, FF Morehead, MJ Koch - Journal of Colloid Science, 1965 - Academic Press

[Cited by 8](#) - [Related Articles](#) - [Web Search](#)

A revaluation of the Co/Ni ratio in pyrite as geochemical tool in ore genesis problems - all 2 versions »

A Bralia, G Sabatini, F Troja - Mineralium Deposita, 1979 - Springer

... (Modified after Arisi Rota and Vighi, 1971 ... The quantities of base metal sulphides are still uncertain ... sampled by the authors, underground or at surface outcrops ...

[Cited by 26](#) - [Related Articles](#) - [Web Search](#)

[PDF] A mathematical and experimental model of the phosphorus cycle in Castle Lake, California

JE Richey - 1973 - [ir.library.oregonstate.edu](#)

... and (4) formation of soluble complexes with metal ions ... The lake has a surface area of 19.7 ha and is divided into a ... The method used here is a modification of ...

[View as HTML](#) - [Web Search](#)

[PDF] Insights into the behavior of precious metals in primitive, S-undersaturated magmas; evidence from ... - all 3 versions »

DC Peck, RR Keays - The Canadian Mineralogist, 1990 - [intl-canmin.geoscienceworld.org](#)

... with permission from Brown (1986); modified after Williams ... locally intensely deformed and display layer-parallel foliations ... 1(a). MEAN PRECIOUS METAL AND TRACE ...

[Cited by 21](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Photosensitive materials - all 6 versions »

DE Vogel, JJ Stofko Jr... - US Patent 5,314,785, 1994 - [Google Patents](#)

... AN139 available from GAP Corp., Wayne, NJ). anions Q-are complex halogenated metal anions such ... surface 'P'TM* the ... the coating substrate was polyester film. ...

[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

[BOOK] Ore Deposits

CF Park, RA MacDiarmid - 1964 - WH Freeman

[Cited by 37](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

An imagable article comprising a photosensitive composition comprising a polymer having acid labile ... - all 2 versions »

DE Vogel, JJ Stofko Jr... - US Patent 5,225,316, 1993 - [Google Patents](#)

... anions Q- are complex halogenated metal anions such ... by the behavior of water spread on the surface. ... above except that the coating substrate was polyester film. ...

[Cited by 6](#) - [Related Articles](#) - [Web Search](#)

Exploration system for enhancing the likelihood of the discovery of deposits of ore, marker rock and ... - all 4 versions »

GS Gassaway, HJ Richgels, JI Foster - US Patent 4,397,005, 1983 - Google Patents
... also a plurality of non-metallic minerals ... the minerals" (compounds valued for their metal content ... well defined by conventional surface exploration techniques ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

[CITATION] SUBSURFACE GEOLOGY AND COAL RESOURCES OF THE PENNSYLVANIAN SYSTEM IN WABASH COUNTY, ILLINOIS

GH CADY, MB ROLLET, A KARSTROM, MA PARKER, ME ... - Report of Investigations, 1924 - The Survey
[Related Articles](#) - [Web Search](#) - [Library Search](#)

Gas chromatography - all 8 versions »

RE Clement, FI Onuska, GA Elceman, HH Hill Jr - Analytical Chemistry, 1988 - pubs.acs.org
... reaction between these functions and surface properties and ... a function of tube diameter and film thickness under ... modification of phases with complexes or polar ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

PGE mineralization in Archean volcanic systems: geochemical evidence from thick, differentiated ... - all 2 versions »

WE Stone, JH Crocket, ME Fleet, MS Larson - Journal of Geochemical Exploration, 1996 - Elsevier
... of the sampled cross-sections (modified after Lawton ... 4. Comparison of metal profiles along mineralized and barren ... through the gabbro-diorite layer of the Boston ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

Petrology of Au-Ag-Hg alloy and "invisible" gold in the Trout Lake massive sulfide deposit, Flin ... - all 2 versions »

RE Healy, W Petruk - The Canadian Mineralogist, 1990 - canmin.geoscienceworld.org
... the mineralogical characteristics that affect metal recoveries from ... the sole published reference being to a "metallic gold" mineral ... Layered Massive Cpy Dissem ...

[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

Rapidly processable silver halide color photosensitive material - all 3 versions »

K Ohbayashi, M Okumura, T Kojima, S Tanaka... - US Patent 4,818,671, 1989 - Google Patents
... and any emulsion constituting any other emulsion layer which may ... such metallic element is contained in the grains in ... interior and/or on their surface, or may ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

Industrial hygiene - all 4 versions »

JE Adkins Jr, NW Henry III - Analytical Chemistry, 1993 - pubs.acs.org
... Fe, consisting of a plasma flame metal sprayer as ... the determination of anions on the surface of steel ... Modification of a commercial portable gas chromatograph ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

[CITATION] A MANUAL ON FIRE ASSAYING AND DETERMINATION OF THE NOBLE METALS IN GEOLOGICAL MATERIALS

J HAFFTY, LB RILEY, WD Goss - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO
[Cited by 12](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] Part 18. GEOLOGY AND MINERALOGY OF THE JJ MINE, MONTROSE COUNTY, COLORADO

DP ELSTON, T BOTINELLY - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]

[Related Articles](#) - [Web Search](#)

ВЯШЛШ AND GEOLOGY TECHNIQUES

C Magnesite - Surface Mining, 1990 - books.google.com
... lying beds close to the surface and easily ... the 7th Commonwealth Mining and Metal-lurgical Congress ... Dickson, T., 1980," Manganese, Non-Metallic Market Develop ...

[Related Articles - Web Search](#)

[Automatic Operations in Analytical Chemistry - all 3 versions »](#)

GD Patterson Jr, MG Mellon - Analytical Chemistry, 1951 - [pubs.acs.org](#)

... these are used, at least in modified form, in ... Although this complicates the sampling problem, substantial ... sample is pumped through activated carbon to remove ...

[Related Articles - Web Search](#)

[BOOK] [Geology of Boone County, Missouri](#)

AG Unkiesbay, WV Searight, JG Grohskopf

[Cited by 3 - Related Articles - Web Search - Library Search](#)

[Liquid chromatography: theory and methodology - all 6 versions »](#)

JG Dorsey, JP Foley, WT Cooper, RA Barford, HG ... - Analytical Chemistry, 1990 - [pubs.acs.org](#)

... year. 1990 Notes: Beginning in 1990, the name of Progress in Analytical Spectroscopy will be changed to Spectrochimica Acta Reviews. ...

[Cited by 41 - Related Articles - Web Search](#)

[Novel Conversion of Diphenylcarbodiimide by Sodium Naphthalene](#)

R Tsuzuki, Y Iwakura - The Journal of Organic Chemistry, 1965 - [pubs.acs.org](#)

... sulfur was deposited as a yellow gum ... r. and microanalysis showed exactly the same pattern, ie, a ... 158- 159", on standing; in this reaction metallic sodium shows ...

[Web Search](#)

[FREDERIC L. KADEY, JR.](#)

M METHODS - Surface Mining, 1990 - [books.google.com](#)

... scum on ponds, the slippery gelatinous film on seaweed, on ... properties are thought or known to change rapidly with ... 158 SURFACE MINING Hurley, JP, et al., 1985 ...

[Web Search](#)

[Abstracts](#)

FT Bartsch - Analytical and Bioanalytical Chemistry, 1988 - Springer

... assumptions on the adsorbed layer composition ... particle packing, low particle surface area, open ... to high resolution mass spectrometry with minimum modification. ...

[Web Search](#)

[CITATION] [Extensive atmospheric corrosion tests of structural plain carbon steels and low alloy steels were ...](#)

STEE LS - Proceedings of the Symposia on Corrosion Effects of Acid ..., 1986 - Electrochemical Society

[Web Search](#)

[Isotope studies on the Rosebery, Mount Farrell and Mount Lyell ores, Tasmania - all 2 versions »](#)

M Solomon, TA Rafter, ML Jensen - Mineralium Deposita, 1969 - Springer

... In some areas the fluids may have reached the surface to give ... Samples 11227 to 11231 and 10736--7 (Table 1) were taken from drill cores over a dip length of ...

[Cited by 7 - Related Articles - Web Search](#)

[BOOK] [Physical Geology](#)

RF Flint - 1974 - John Wiley & Sons

[Cited by 14 - Related Articles - Web Search - Library Search](#)

[Radiation-sensitive compositions comprising a photocrosslinkable polymer, a leuco dye, a ... - all 2 versions »](#)

JE Mitchell, PR West, PR Josephson Jr - US Patent 5,141,842, 1992 - Google Patents

... mk to the surface of the material upon which the image is ... layer to the substrate. ... Most preferred are Zr P resins the non-metallic atoms necessary to ...

[Cited by 1 - Related Articles - Web Search](#)

[CITATION] **BULLETIN 102**

FD MURPHY - Bulletin/Kansas. State geological survey, 1953

[Related Articles](#) - [Web Search](#)

MoËssbauer Spectroscopy - all 2 versions »

SJ CLARK, JD DONALDSON - Spectroscopic Properties of Inorganic and Organometallic ..., 1980 - rsc.org
... to investigate fast diffusion of transition metal impurities in ... `Materials and surface treatments for ... the effects of heavy ion radiation on metallic iron layers ...

[Related Articles](#) - [Web Search](#)

[CITATION] **Part 4. OCCURRENCE AND CHEMICAL CHARACTER OF GROUND WATER IN THE MORRISON FORMATION**

DA Phoenix - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]

[Related Articles](#) - [Web Search](#)

[PDF] **Tar Sands of the Uinta Basin**

HR Ritzma, K Clem, C Bishop - 1995 - ds.uhac.utah.edu

... saturation, and percent of water saturation. The modified method ... Surface winds do not disturbed ... result in any serious change in the situation. This prevented ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

Chemistry and petrography of calcite in the KTB pilot borehole, Bavarian Oberpfalz, Germany - all 3 versions »

SC Komor - Chemical Geology, 1995 - Elsevier

... A marble layer -2-3 m ... inter- cepted calcite-rich rocks near the surface but not ... manganese concentrations in the leachates probably reflect changes in calcite ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[BOOK] **Elements of Oil Reservoir Engineering**

SJ Pirson - 1950 - McGraw-Hill

[Cited by 14](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[BOOK] **Geochemical Studies of Rare Earth Elements in the Portuguese Pyrite Belt, and Geologic and ... - all 3 versions »**

DJ Grimes, SJ Kropschot - 1998 - pubs.usgs.gov

... to the exploration for addi- tional metallic mineral deposits in ... recovered from some pyrite and base metal mines and from the near- surface oxidized parts ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

The Filon Norte orebody (Tharsis, Iberian Pyrite Belt): a proximal low-temperature shale-hosted ...

F Tornos, EG Clavijo, B Spiro - Mineralium Deposita, 1997 - Springer

... close to a sphalerite (SP)-galena (GN) rich layer. ... and low content of base metal sulphides (py ... Non-metallic minerals are irregularly distributed, but they are ...

[Cited by 19](#) - [Related Articles](#) - [Web Search](#)

[CITATION] **Geology and Uranium Deposits of the Pumpkin Buttes Area, Powder River Basin, Wyoming**

USG Survey - Proceedings, 1956 - United Nations

[Related Articles](#) - [Web Search](#)

[CITATION] **8TH ROCKY MOUNTAIN REGIONAL MEETING DENVER, COLORADO**

M Specialist, C Arvada, WE Beard, CJ Zirrolli, ... - Environmental Science & Technology, 1967 - American Chemical Society

[Related Articles](#) - [Web Search](#)

[BOOK] **Emulsion Polymer Technology - all 2 versions »**

RD Athey - 1991 - books.google.com

... Metal-Filled Polymers: Properties and Applications, Edited by Swapan K ... Free film

density Density I.OUfc + 0.002t t ... too high because they are more surface active ...

[Cited by 11](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[\[PDF\] Chemical compositions of siderophile element-rich opaque assemblages in an Allende inclusion - all 3 versions »](#)

P SYLVESTER, B WARD, L GROSSMAN, I HUTCHEON - *Geochimica et Cosmochimica Acta*, 1990 - geosci.uchicago.edu

... 1978) and PACKWD and BROWN (198 1), as modified ... from the host inclusion; the polished surface has a ... 4%), V-rich magnetite (6%), and NiFe metal (4%). Submicron ...

[Cited by 14](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Geology, mineralization, and geostatistics of the Minnamax/Babbitt Cu±Ni deposit \(Local Boy area\), ...](#)

MJ Severson - Natural Resources Research Institute Technical Report NRR1/ ..., 1991 - nrri.umn.edu

... and precious metals; 3) determine PGE and precious metal ore ... of drill core for 61 surface holes, spread ... average grain size; both change rapidly over zones from ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[A sedimentary facies model for perennial and meromictic saline lakes: Holocene Medicine Lake Basin, ... - all 2 versions »](#)

BL Valero-Garcés, KR Kelts - *Journal of Paleolimnology*, 1995 - Springer

... for understanding the paleoenviron- mental changes in Medicine ... this study were retrieved with a modified Livingstone 5 ... mirrors the present sediment surface (Fig ...

[Cited by 9](#) - [Related Articles](#) - [Web Search](#)

[Oligomerization in As \(III\) sulfide solutions: Theoretical constraints and spectroscopic evidence - all 4 versions »](#)

GR Helz, JA Tossell, JM Charnock, RAD Patrick, DJ ... - *Geochimica et Cosmochimica Acta*, 1995 - Elsevier

... least a local minimum on the potential energy surface. ... However, hydration will slightly change the geometries and ... aqueous NaOH first with N2, to remove O2, and ...

[Cited by 40](#) - [Related Articles](#) - [Web Search](#)

[HISTORICAL NOTES IN POLYMER PHYSICS - all 3 versions »](#)

EA DiMarzio, SF Edwards, JD Ferry, EW Fischer, E ... - *Journal of Polymer Science: Part B: Polymer Physics*, 1999 - doi.wiley.com

... at an end to the colloid surface leads to ... as the EA theory which predicted the phase change. ... and measuring with a thermocouple in direct metallic contact with ...

[Related Articles](#) - [Web Search](#)

[Arsenic as an indicator element for gold exploration in the region of the Xiangxi Au–Sb–W deposit, ... - all 2 versions »](#)

SX Yang, N Blum - *Journal of Geochemical Exploration*, 1999 - Elsevier

... and quartz veinlets (in about 20% of the total sam- ple population ... The smallest metal accumulation is vein No ... 50 m along strike and 320 m along dip (Xiangxi mine ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[\[BOOK\] Geology and Mineral Resources of Josephine County, Oregon](#)

L Ramp, NV Peterson - 1979 - State of Oregon, Dept. of Geology and Mineral Industries

[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[DJ Simpson and D. von Wettstein Isolation of the photosystem two reaction centre: a step forward in ...](#)

A Boussac, AW Rutherford, HA Nugent, AR Corrie, ... - *Photoconversion Processes for Energy and Chemicals*, 1989 - books.google.com

... is reoxidised from the electrode surface, although no ... diphos> 2 complexes, we have modified the diphos ... ed.), Carbon Dioxide Activation by Metal Complexes, in ...

[Related Articles](#) - [Web Search](#)

[Silver halide color negative photographic light sensitive material - all 2 versions »](#)

H Haraga, T Yagi, M Kon, H Shimazaki, Y Urakawa, Y ... - US Patent 5,437,966, 1995 - Google Patents

... Further, when making a measurement, the surface of an ... pro- dium speed silver halide emulsion layer, it is ... the case of obtaining a diffraction pattern show -ing ...

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

Process for the synthesis of carboxylic anhydrides using a vanadium, phosphorus oxygen containing ...

TC Yang, KK Rao - US Patent 4,517,371, 1985 - [Google Patents](#)

... water of hydration upon activation bringing about the crystal phase change. ... dried in air at 60° C.] to remove a crystal ... 1:0.5 to 1.2:1, and a surface area of ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[BOOK] Geology and Mineral Potential of the Antelope Range Mining District, Iron County, Utah

MA Shubat, WS McIntosh - 1988 - [books.google.com](#)

... geologic resources of Utah (including metallic, nonmetallic, energy ... Maximum precious metal values from vein samples are 9 ... to be a detachment surface between the ...

[Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] AN INVESTIGATION OF THE EFFECT OF HEAT TREATMENT UPON THE HARDNESS, MICROSTRUCTURE AND COMBINED ...

JH Barnkit - Quarterly of the Colorado School of Mines, 1978 - [The School](#)

[Related Articles](#) - [Web Search](#)

National Synchrotron Light Source Activity Report 1998 - all 2 versions »

E Rothman - 1999 - [osti.gov](#)

... Thk makes rhe first layer As atoms reactive to additional ... shows a close up of a surface representation of ... that a large number of heavy metal compounds have to ...

[Web Search](#)

Geology and genesis of the Aznalcóllar massive sulphide deposits, Iberian Pyrite Belt, Spain

GR Almodóvar, R Sáez, JM Pons, A Maestre, M ... - [Mineralium Deposita](#), 1997 - [Springer](#)

... Despite changes in the character of volcanism, the ... took place in shallow, sub- surface reservoirs giving ... that hy- drothermal fluids changed continuously in ...

[Cited by 26](#) - [Related Articles](#) - [Web Search](#)

Mass spectrometry in cosmochemistry

JR De Laeter - [Mass Spectrometry Reviews](#), 1990 - [doi.wiley.com](#)

... they arrive on the Earths surface, after a ... Although meteoritic values have not changed appreciably since ... an element is determined from the change produced in ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[CITATION] COAL GEOLOGY

CR Ward - [Encyclopedia of Physical Science and Technology](#), 1992 - [Academic Press](#)

[Cited by 1](#) - [Related Articles](#) - [Web Search](#)

[PDF] Uranium and other trace elements in petroleums and rock asphalts - all 2 versions »

KG Bell - 1960 - [ds.uhac.utah.edu](#)

... and brassy- colored particles thought to be metallic sulfides or ar ... uranium is a minor trace-metal constituent of petro ... oil seeps at the earth's surface, and oil ...

[Cited by 1](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [Library Search](#)

The Mari Rosa late Hercynian Sb-Au deposit, western Spain - all 2 versions »

L Ortega, R Oyarzun, M Gallego - [Mineralium Deposita](#), 1996 - [Springer](#)

... The dominant regional structural pattern in the area is ... the dominant feldspar phase; (c) a change in the ... synthetic fractures (P) to the main movement surface. ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

[CITATION] EDITOR—ROGER S. PORTER

WE GIBBS, RE DRUHY, A BOARD, DF ROBERT, CE ROGERS, ... - [Polymer Engineering and Science](#), 1965 - [Society of Plastics Engineers](#)

[Related Articles](#) - [Web Search](#)

[CITATION] **GEOLOGY OF THE BASIN QUADRANGLE JEFFERSON, LEWIS AND CLARK, AND POWELL COUNTIES, MONTANA**

ET RUPPEL - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO

[Cited by 4](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

Analytical Supercritical Fluid Extraction for Oil and Lipid Analysis

AA Clifford, DFG Walker - Supercritical Fluid Technology in Oil and Lipid Chemistry, 1996 - books.google.com

... Such modified fluids may be delivered by one of ... A coaxial metal restrictor and an adjustable restrictor, both ... of the matrix or strongly bound to its surface. ...

[Related Articles](#) - [Web Search](#)

[CITATION] **ORGANIC CHEMISTRY: COMPOUND DETECTION**

R Ikan - Encyclopedia of Physical Science and Technology, 1992 - Academic Pr

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[CITATION] **CHROMATOGRAPHIC DATA**

CG CASIXOVI, M LEDERER, K MACEK - Journal of Chromatography, 1994 - Elsevier

[Related Articles](#) - [Web Search](#)

Silver halide color negative photographic light-sensitive material

EP Patent 0,437,859, 1997 - freepatentsonline.com

... For obtaining the surface halide composition in the ... is coated on a triacetyl cellulose film support so ... sensitizing method and a noble metal sensitizing method ...

[Cached](#) - [Web Search](#)

[CITATION] **CONTRIBUTIONS TO THE GEOLOGY OF URANIUM**

HC GRANGER, RB RAUP - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO

[Related Articles](#) - [Web Search](#)

[BOOK] **Fate of Oil in a Water Environment, Phase I: Final Report**

RL Kolpack - 1973 - University of Southern California

[Related Articles](#) - [Web Search](#) - [Library Search](#)

Method, system and devices for the assay and detection of biochemical molecules - all 2 versions »

JL Palmer, JB Johnston, MW Timmerman - US Patent 5,126,247, 1992 - Google Patents

... 4,166,763 describes a multi-layer analyt-ical device ... oxidase, peroxidase, 4-aminophenazone, a surface active agent ... The same elec- color change is expected ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

[CITATION] **ad Number of Theoretical Stages**

G Equilibrium - Chemical Engineering, 1946 - McGraw-Hill Pub. Co.

[Web Search](#)

Ferroelectric liquid crystal device with particular primer alignment, and liquid crystal layers - all 2 versions »

A Tsuboyama, Y Inaba, A Yoshida, Y Hanyu, T Uchimi ... - US Patent 5,165,076, 1992 - Google Patents

... provide the surface with an orientation controlling ef- ... or calcination of a coating film of an organic ... organic metal compounds (eg, titanates and niobates). ...

[Cited by 21](#) - [Related Articles](#) - [Web Search](#)

[BOOK] **Geology of the Lillis Ranch Quadrangle**

WH Read - 1962 - University of California, Berkeley

[Web Search](#) - [Library Search](#)

[CITATION] **separated from the soluble internal standard by centrifugation at 10000g for IOmin. The Dnp-insulin ...**

YK Chan, G Oda, H Ka - The Biochemical Journal, 1984 - Biochemical Society

[Web Search](#)

Catalyst for carboxylic anhydride production - all 2 versions »

TC Yang, KK Rao - US Patent 4,392,986, 1983 - [Google Patents](#)

... crystal phase change. ... However, insufficient water is present during 25 remove a crystal phase from the ... 1:0.5 to 1.2:1, and a surface area of at least 10 m²/g ...

[Cited by 5](#) - [Related Articles](#) - [Web Search](#)

[CITATION] THE CHEYENNE SANDSTONE OF BARBER, COMANCHE, AND KIOWA COUNTIES, KANSAS, AS RAW MATERIAL FOR GLASS ...

EK NIXON, RT RUNNELS, RO KULSTAD - Bulletin/Kansas. State geological survey, 1950

[Web Search](#) - [Library Search](#)

Application of tandem mass spectrometry for the analysis of long-chain carboxylic acids - all 2 versions »

A Kuksis, JJ Myher - Journal of Chromatography B: Biomedical Sciences and ..., 1995 - Elsevier

... ion monitoring Sphingomyelin Triacylglycerol Thin-layer chromatography Trimethylsilyl ... Change-over from one mode of oper ... The alkali-metal cat- ionization was ...

[Cited by 15](#) - [Related Articles](#) - [Web Search](#)

[BOOK] Geology of Titanium-Mineral Deposits

ER Force - 1991 - [books.google.com](#)

... with a basal viscous boundary layer, and entrains ... of large commercial markets for titanium metal has been ... Titanium dioxide pigment and metallic titanium, made ...

[Cited by 45](#) - [Related Articles](#) - [Web Search](#)

[BOOK] Pyrometasomatic Ore Deposits at Johnson Camp, Arizona

A Baker - 1953 - School of Mineral Sciences

[Web Search](#) - [Library Search](#)

[CITATION] CONTRIBUTIONS TO THE GEOLOGY OF URANIUM

RC VICKERS - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO

[Related Articles](#) - [Web Search](#)

[CITATION] Journal of Sedimentary Petrology

S Elso - Journal of Sedimentary Petrology, 1993 - Society of Economic Paleontologists and Mineralogists]

[Related Articles](#) - [Web Search](#)

[BOOK] Geology of the Butler Estate Chromite Mine, Southwestern Fresno County, California

RA Matthews - 1961 - sn]

[Related Articles](#) - [Web Search](#) - [Library Search](#)

Process for preparing 3-hydroxymethyl cephalosporins - all 2 versions »

EO Stapley, JM Mata - US Patent 3,985,742, 1976 - [Google Patents](#)

... by a variety of alkyl, haloalkyl or oxygen, sulfur and nitrogen ... and with a slightly different carbon utiliza -tion pattern. ... 0.8 by 0.8 to 1.7/t; surface smooth ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[CITATION] anew way to link your NMR spectrometer to exceptional data

I INC - Science, 1880 - American Association for the Advancement of Science [etc.]

[Related Articles](#) - [Web Search](#)

7. beta.-(D-5-amino-5-carboxyvaleramido)-7-methoxy-3-substituted-3-cephem-4-carboxylic acid ... - all 2 versions »

EO Stapley, JM Mata - US Patent 4,017,487, 1977 - [Google Patents](#)

... salts as, for example, acid addition salts, metal salts, quaternary ... of Merck & Co., Inc., Rahway, NJ A sam- 50 pie ... to oval, 0.8 by 0.8 to 1.7/t; surface smooth ...

[Related Articles](#) - [Web Search](#)

CELLULOSE GRAFTING (Aspects of the Xanthate Method)

OY Mansour, ZA Nagieb, AH Basta - Polymeric Materials Encyclopedia, 1996 - books.google.com

... Practically no change occurs in the values of true graft yield when passing nitrogen through the reaction mixture (ie, on eliminating occluded air), except in ...

[Related Articles](#) - [Web Search](#)

CELLULOSE GRAFTING (Aspects of the Xanthate Method)

HCO IC-OH - Polymeric Materials Encyclopedia, 1996 - books.google.com

... Practically no change occurs in the values of true graft yield when passing nitrogen through the reaction mixture (ie, on eliminating occluded air), except in ...

[Related Articles](#) - [Web Search](#)

[BOOK] Iron and Copper Deposits of Kasaan Peninsula, Prince of Wales Island, Southeastern Alaska

LA Warner - 1961 - US Govt. Print. Off.

[Related Articles](#) - [Web Search](#) - [Library Search](#)

Thermally developable light-sensitive material containing a development restrainer compound

- all 2 versions »

J Kohno, K Okauchi, S Goto, M Iwagaki, T Komamura... - US Patent 4,837,141, 1989 - Google Patents

... No. 2,500,508), sulfur compounds (West German Pat ... layer on a support and which further contains a com-pound ... and M is a hydrogen atom, an alkali metal atom, an ...

[Cited by 7](#) - [Related Articles](#) - [Web Search](#)

[BOOK] Mines and Mineral Resources of Trinity County, California

JC O'Brien, QA Aune - 1965 - California Division of Mines and Geology

[Web Search](#)

[BOOK] Mechanical Properties of Rocks at High Temperatures and Pressures

BV Baǐdiǔk - 1967 - Consultants Bureau

[Related Articles](#) - [Web Search](#) - [Library Search](#)

[BOOK] Prospecting for Atomic Minerals: How to Look for and Identify Atomic Ores, Stake and Protect a Claim ...

AW Knoerr, GP Lutjen - 1955 - McGraw-Hill

[Web Search](#) - [Library Search](#)

[BOOK] Natural Gas and Natural Gasoline

RL Huntington - 1950 - McGraw-Hill

[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

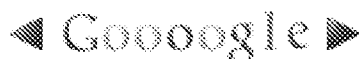
[PDF] Evidence for the eutrophication of Lake Ontario from the sedimentary diatom succession

- all 3 versions »

HC DUTHIE, MR SREENIVASA - Proc. 14th Conf. Great Lakes Res, 1971 - hs.khps.org

... One change which seems particularly significant, although it ... Surface samples of phytoplankton were collected from ... The major modifying agents are pollution and ...

[Cited by 9](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)



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(metal OR metallic) AND (surface O

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[S Clark](#)

[J Homola](#)

[H Shin](#)

[C Scotchford](#)

[R Freeman](#)

[Ionic compounds containing the cationic meriquinone of a benzidine - all 3 versions »](#)

W Bloch, PJ Sheridan, RJ Goodson - US Patent 4,789,630, 1988 - Google Patents

... coefficient changes or occurring in more easily detected ... detect the presence of certain transition metal ions with ... Preferably, the capturing surface is a filter ...

[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[BOOK] [Abstracts of North American Geology](#)

GS US - 1971 - US Geological Survey:[for sale by the Supt. of Docs.] US Govt. ...

[Related Articles](#) - [Web Search](#)

[BOOK] [The Geology of Henrys Chapel Quadrangel, Northeastern Cherokee County, Texas](#)

HB Stenzel - 1953 - The University

[Cited by 3](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] [KYANITE, SILLIMANITE, AND ANDALUSITE DEPOSITS OF THE SOUTHEASTERN STATES](#)

GH Espenshade, DB Potter - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]

[Cited by 16](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] [THE GEOLOGY AND MINERAL RESOURCES OF THE THOMASTON QUADRANGLE, GEORGIA](#)

C Haven - Geology and Mineral Resources of the Thomaston Quadrangle, ..., 1952 - Yale

[Related Articles](#) - [Web Search](#)

[CITATION] [Glacial and Postglacial Deposits of Northeastern Ohio](#)

JP SZABO, CH CARTER, PW BRUNO, EJ JONES - The Ohio Journal of Science, 1915 - Ohio Academy of Science [etc.]

[Related Articles](#) - [Web Search](#)

[CITATION] [Mercerization of cellulose: 1. Determination of the structure of Mercerized cotton](#)

FJ Kolpak, M Weih, J Blackwell - Polymer, 1978 - Butterworth Scientific Ltd.[etc.]

[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

[CITATION] [V. APPLICATIONS](#)

AN Techniques - Critical Reviews in Analytical Chemistry, 1980 - CRC Press

[Related Articles](#) - [Web Search](#)

[CITATION] [GEOLOGY OF THE SAN MANUEL COPPER DEPOSIT, ARIZONA](#)

GM Schwartz - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]

[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[BOOK] [Biofiltration of Solvent Vapors from Munitions Manufacturing Operations - all 2 versions](#)

»

BJ Kim, BF Severin, LM Neilson, Army, Construction ... - 1999 - owww.cecer.army.mil

... for biofilters and to test and modify a system ... tests discussed here reflect this changing assessment of ... the conditions in the laboratory were changed to match ...
[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[BOOK] **Marine Hydrothermal Systems and the Origin of Life: Report of Scor Working Group 91**
NG Holm - 1992 - [books.google.com](#)
... **TABLE T** The ages of the Earth (modified from Ballard ... introduced at 1200'C under a thin layer of their ... in the Earth's crust to- wards the surface in comparison ...
[Web Search](#) - [Library Search](#)

[CITATION] **SPECTRAL BEHAVIOUR OF AFLATOXINS IN DIFFERENT SOLVENTS**
J CHELKOWSKI - Photochemistry and Photobiology, 1962 - Pergamon Press
[Cited by 3](#) - [Related Articles](#) - [Web Search](#)

[BOOK] **Ground-water Hydrology of Pleasant Valley, Fresno County, California**
JC Manning, Y Kahanovitz - 1954 - Stanford University Press
[Related Articles](#) - [Web Search](#)

[BOOK] **Anatomy of the Western Phosphate Field: A Guide to the Geologic Occurrence, Exploration Methods, ...**
LA Hale - 1967 - Intermountain Association of Geologists
[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] **MEMBERS OF THE SOCIETY OF ECONOMIC PALEONTOLOGIS1 AND MINERALOGISTS**
O Cincinnati, A de Cubanacan, H Marianao, M ... - Journal of Sedimentary Petrology, 1993 - Society of Economic Paleontologists and Mineralogists]
[Web Search](#)

[BOOK] **America's fabrics: origin and history, manufacture, characteristics and uses**
Z Bendure - 1946 - The Macmillan company
[Cited by 6](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] **STRIPPING-COAL DEPOSITS ON LOWER LIGNITE CREEK NENANA COAL FIELD, ALASKA**
C Wahrhaftig, JH Birman - Geological Survey Circular, 1983 - The Survey
[Web Search](#) - [Library Search](#)

[CITATION] **GEOLOGY OF PRECAMBRIAN ROCKS, CENTRAL CITY DISTRICT, COLORADO**
PK Sims, DJ Gable - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]
[Related Articles](#) - [Web Search](#) - [Library Search](#)

[BOOK] **Geology of the Mostadmarka and Selbustrand Area, Trøndelag**
T Torske - 1965 - Universitetsforlaget
[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] **Geologic Appraisal of Mineral Resources of the Eastern Part of the Sawtooth National Recreation Area ...**
USG SURVEY - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO
[Related Articles](#) - [Web Search](#)

[CITATION] **ATOMIC ABSORPTION SPECTROSCOPY**
A Spectra - CRC Handbook of Atomic Absorption Analysis, 1984 - CRC Pr I Llc
[Related Articles](#) - [Web Search](#)

[CITATION] **THE DIVISION OF RUBBER CHEMISTRY OF THE AMERICAN CHEMICAL SOCIETY**
NJ Passaic, SHI Cramer, O Akron, DGK Hinshaw, EB ... - Rubber Chemistry and Technology, 1928 - Rubber

Division, American Chemical Society [etc.]

[Web Search](#)

[CITATION] **GEOCHEMISTRY OF WATER**

JH FETH, CE ROBEYSON, WL POLZEB - Geological Survey Water-supply Paper, 1981 - For sale by the Supt. of Docs., USGPO

[Related Articles](#) - [Web Search](#)

[CITATION] **GEOLOGY AND ORE DEPOSITS OF THE CHICAGO CREEK AREA, CLEAR CREEK COUNTY, COLORADO**

JE HARRISON, JD WELLS - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]

[Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] **MAMMOTH FOUND IN PEORIAN LOESS NEAR BELLEVIEW, ILLINOIS.**

HB WILLMAN - Circular, 1938 - Illinois State Geological Survey

[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[BOOK] **Petrology of Lamproites**

RH Mitchell, SC Bergman - 1991 - [books.google.com](#)

... Sam Spivak drafted all of the original diagrams. ... Volatile Trace Elements: Fluorine, Sulfur, and Chlorine ... to Niggli's attempt (Niggli 1931) to modify his own ...

[Cited by 161](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] **Progressive Metamorphism of Amphibolite, Northwest Adirondack Mountains, New York* AEJ ENGEL AND ...**

P STUDIES, AVTO HONOR - Petrologic Studies: A Volume in Honor of AF Buddington, 1962 - Geological Society of America

[Related Articles](#) - [Web Search](#)

[CITATION] **SELECTED BIBLIOGRAPHIES OF URANIUM GEOLOGY**

CE Fix - Selected Annotated Bibliography of the Geology of the ..., 1960 - USGPO

[Web Search](#)

[CITATION] **SOCIETY RECORDS AND ACTIVITIES**

P Geologists - Journal of Sedimentary Petrology, 1993 - Society of Economic Paleontologists and Mineralogists]

[Web Search](#)

[CITATION] **EFFECT OF HUMIDITY ON THE AMOUNT OF FLUORESCENCE EXHIBITED BY CHROMATOGRAPHICALLY SEPARATED DANSYL ...**

AA BOULTON - Journal of chromatography, 1993 - Elsevier

[Web Search](#)

[CITATION] **GEOLOGY OF THE CLINTON COUNTY MAGNETITE DISTRICT, NEW YORK**

AW POSTEL - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]

[Cited by 13](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

18 EXPERIMENTALSTUDYOFTOXICMETAL—SORBENT REACTIONS IN A BENCH SCALE COMBUSTOR

TM Owens, G Assistant, P Biswas - Proceedings of the 50th Industrial Waste Conference May 8, 9 ..., 1996 - [books.google.com](#)

... phase precursor and aerosol measurements of metal-sorbent reactions ... Lin, WY, and P. Biswas," Metallic particle formation ... 2) sorption onto TiO₂ surface;(3) UV ...

[Related Articles](#) - [Web Search](#)

[CITATION] **hydrazine Method for the Determination**

T Activity - Clinical Chemistry, 1955 - PB Hoeber

[Related Articles](#) - [Web Search](#)

[CITATION] **UNITED STATES DEPARTMENT OF THE INTERIOR THOMAS S. KLEPPE, Secretary**

G SURVEY - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO

[Related Articles](#) - [Web Search](#)

[CITATION] **is circular in section, and the strongh overlapping chambers, arranged initiall;. biserially and ...**

G Reuss, G Reuss - Journal of the Geological Society of India, 1959 - Geological Society of India

[Web Search](#)

[CITATION] **Holocene Tectonic Activity in West Africa Dated by Archaeologic Methods: Discussion**

E BOXDESEN, AJJ SMIT - Bulletin of the Geological Society of America, 1960 - [The Society

[Related Articles](#) - [Web Search](#)

[BOOK] **Boomtown Blues: Colorado Oil Shale, 1885-1985**

A Gulliford - 1989 - Univ Pr of Colorado

[Cited by 10](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] **Geology and Mineral Resources of Washoe and Storey Counties, Nevada**

HF BONHAM - Bulletin, 1967 - Bureau of Public Printing

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[CITATION] **COAL GASIFICATION FOR PRODUCTION OF SYNTHESIS AND PIPELINE GAS**

AING TECHNOLOGY - Transactions, 1997 - The Institute of Marine Engineers

[Related Articles](#) - [Web Search](#)

[CITATION] **Short Notes**

F STEARNS - Bulletin of the Geological Society of America, 1960 - The Society]

[Related Articles](#) - [Web Search](#)

[CITATION] **of alky ethoxylate surfactants by PMD followed by densitometry (44). The sepa-ration is based on the ...**

F Directions - Science, 1976 - American Association for the Advancement of Science [etc.]

[Web Search](#)

[CITATION] **mm USE only mn**

C Part, P Lette - Journal of polymer science, 1986

[Related Articles](#) - [Web Search](#)

[CITATION] **Intrinsic Strain Broadening In The EPR And UPR Spectrum Of CaF*: UH In Trigonal Sites**

CM Bowdcn, PF McDonald - The Journal of the Alabama Academy of Science, 1926 - [Auburn University Printing Service]

[Web Search](#)

[CITATION] **Cladding and Structural**

A Corrosion - Reactor Materials, 1970 - Battelle Memorial Institute

[Related Articles](#) - [Web Search](#)

[CITATION] **LETTERS Acid Precipitation: C. T. Wolff; Watching the Watchers: WW Lowrance; Leprosy Research in ...**

DR Schwer, LR Watkins, DJ Mover, S Briefing, C ... - Science, 1883 - Science Co.

[Web Search](#)

Stain Repellency Thus far we have discussed the mechanisms of prevent-ing stains from adsorbing and ...

CH CH - Polymeric Materials Encyclopedia, 1996 - books.google.com
... VELCRO Thin loop layer Thick loop layer Int e ... axial distortions (usually helical or zigzag) • surface topology • size ... that can be used to modify or enhance ...
[Related Articles](#) - [Web Search](#)

[CITATION] **STUDIES ON COULOMETRIC DETERMINATION OF CAFFEINE, THEOBROMINE AND THEOPHYLLINE**

IICMOF THEOBROMINE - Acta Poloniae Pharmaceutica, 1963 - Polish Pharmaceutical Society
[Related Articles](#) - [Web Search](#)

[CITATION] **GENERAL GEOLOGY OF CENTRAL COCHISE COUNTY, ARIZONA**

J Gilluly - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]
[Cited by 12](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] **Sect. A: Inorganic, Physical, Theoretical & Analytical**

AK MRoy, BK Seal, NB Singh, RJ Singh, NN Singh, P ... - Indian Journal of Chemistry, 1976 - Published by the Council of Scientific & Industrial Research in ...
[Web Search](#)

[CITATION] **1 64 CR BEGEMAN the assumption that the automobile is the only significant source of carbon monoxide ...**

QRARE DESIRED-One - Vehicle Emissions (selected SAE Papers): Prepared Under the ..., 1964 - Society of Automotive Engineers; distribution: Macmillan
[Web Search](#)

[CITATION] **LOCKS and MINERALS**

W No - Rocks and Minerals, 1926 - Heldref Publications [etc.]
[Web Search](#)

[CITATION] **By ALICE D. WEEKS and RM GARRELS**

A Utah, N Mexico - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]
[Related Articles](#) - [Web Search](#)

[CITATION] **MINING and METALLURGY**

Y Metallurgists, S Dwellings, HB Kinnear, OLF ... - Mining and Metallurgy, 1948 - The Institute
[Web Search](#)

[CITATION] **Report on Sedimentation, 1929-1930 STUDIES IN GLACIAL SEDIMENTS IN 1929**

E Antevs, B Street, M Auburn... - Reprint and Circular Series of the National Research Council, 1938 - National Research Council
[Related Articles](#) - [Web Search](#)

[CITATION] **Tensammetric Studies of Benzene & Toluene at Mercury-Aqueous Interface**

BA SHENOI, KR NARASIMHAN - Journal of Scientific and Industrial Research, 1963 - Council of Scientific & Industrial Research
[Web Search](#)

[CITATION] **Contributions of the Society for Research on Meteorites**

W No - Contributions of the Society for Research on Meteorites, 1941 - Society for Research on Meteorites]
[Related Articles](#) - [Web Search](#)

[CITATION] **KENDREW, JC, BODO, G., DINTZIS, HM, PARHISH. RG, WYCKOFF, H. & PHILLIPS, DC (1958). Nature. Land. ...**

AF CULLIS, HM DINTZIS, MF PEBUTZ, DW GREEN, VM ... - Acta Crystallographica, 1967 - Published for the International Union of Crystallography by the ...
[Related Articles](#) - [Web Search](#)

[CITATION] **MINING and**

M RGY - Mining and Metallurgy, 1948 - The Institute
[Related Articles](#) - [Web Search](#)

[CITATION] **C) ANALISI DI RESIDUI DI UNO o PIF**
IDEIQNONSI CONOSCE, LA NATURA - Contributi, 1963 - [sn].
[Web Search](#)

[CITATION] **Effect of Fe content on the thermal stability of LEC-grown semi-insulating InP**
M Morioka, K Kikuchi, K Kohe, S Akai - Gallium Arsenide and Related Compounds, 1981: Contributed ..., 1982 - CRC Press
[Web Search](#)

[CITATION] **L REVIEW ON THE PROGRESS OF EXPERIMENTAL PETROLOGY AND GEOCHEMISTRY IN THE PAST DECADE**
VC JUAN - Zhongguo Di Zhi Xue Hui Hui Kan., 1991 - Kai Hui
[Related Articles](#) - [Web Search](#)

[CITATION] **INTERNATIONAL UNION OF CRYSTALLOGRAPHY**
OF MICHIGAN - Acta Crystallographica, 1982 - Published for the International Union of Crystallography by ...
[Related Articles](#) - [Web Search](#)

[CITATION] **d out MORE about the SENSATIONAL, EW RAM PROCESS....**
RAM INC - American Ceramic Society Bulletin, 1946 - American Ceramic Society
[Related Articles](#) - [Web Search](#)

[CITATION] **GEOLOGIC INVESTIGATIONS OF SOUTHERN CALIFORNIA DESERTS**
TW DIBBLEE JR - Geological Survey Bulletin, 1949 - For sale by the Supt. of Docs., USGPO
[Related Articles](#) - [Web Search](#) - [Library Search](#)

[CITATION] **Progress of the Refractory Industri in Formosa**
D CHIN - American Ceramic Society Bulletin, 1946 - American Ceramic Society
[Related Articles](#) - [Web Search](#)

[CITATION] **STRUCTURAL FEATURES OF THE CENTRAL COLORADO PLATEAU AND THEIR RELATION TO URANIUM DEPOSITS**
EM SHOEMAKER, USG Survey - Geological Survey Professional Paper, 1987 - US Geological Survey, National Center]
[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

[CITATION] **Ship Mountains Iron-Ore Deposit San Bernardino County, California**
CA LAMEY - Bulletin, 1910 - US Gov. Print. Off.
[Web Search](#) - [Library Search](#)

[CITATION] **Geology: Anomalous radioactivity occurs along a fault zone in rhyolite. Several nearby faults are ...**
P COUNTY - Radioactive Mineral Occurrences in Nevada, 1973 - Mackay School of Mines, University of Nevada
[Related Articles](#) - [Web Search](#)

[CITATION] **Sec. A: Inorganic, Physical, Theoretical & Analytical**
S Basu, J Basu, KK Rohatgi-Mukherjee, IL Arbeloa ... - Indian Journal of Chemistry, 1976 - Published by the Council of Scientific & Industrial Research in ...
[Related Articles](#) - [Web Search](#)

[CITATION] **OF BASE-RUNOFF RECESSION CURVES TO DETERMINE AREAL TRANSMISSIVITIES IN THE UPPER POTOMAC RIVER BASIN**
FW TRAINER, FA WATKINS JR - Journal of Research of the US Geological Survey, 1978 - [for sale by the Supt. of Docs., US Govt. Print. Off.]

[Web Search](#)

[CITATION] **Tuymazy Frasnian stage, Stratum**

M Mixture - Petroleum Geology, 1958 - Petroleum Geology [etc.]

[Related Articles](#) - [Web Search](#)

[CITATION] **Drilling on Bikini Atoll, Marshall Islands - all 3 versions »**

HS Ladd, JI Tracey - Science, 1880 - American Association for the Advancement of Science

... used for straight drilling and hard metal bits for ... L. Tuthill which described new
ane modified in vitro ... that three receptors on the cell surface are activated ...

[Cited by 12](#) - [Related Articles](#) - [Web Search](#)

[CITATION] **ECHO-10 Coxiella burneti (Q fever)**

PH Aerotoxins, P Effect, B Coxsackie, P Ps - CRC Critical Reviews in Analytical Chemistry, 1980 - CRC Press

[Related Articles](#) - [Web Search](#)

[CITATION] **Get off the scenic route. Get off the scenic route**

MTPPC TODAY - Analytical Chemistry, 1948 - American Chemical Society

[Web Search](#)

[CITATION] **ANALYTICAL METHODS FOR THE CONTROL OF CHEMICAL PURITY**

JP Cali - Annals of the New York Academy of Sciences, 1965 - New York Academy of Sciences

[Related Articles](#) - [Web Search](#)

[CITATION] **Oxidations by Molecular Oxygen**

M Oxygen, I Reduction - Journal of Scientific and Industrial Research, 1963 - Council of Scientific & Industrial Research

[Related Articles](#) - [Web Search](#)

[CITATION] **The crystal structure of cobalt nitrate dihydrate, Co (NO₃)₂ · 2H₂O**

I KRSTANOVIC, S DJERIC - Zeitschrift für Kristallographie und Mineralogie, 1976

[Related Articles](#) - [Web Search](#)

[CITATION] **PETROGENETIC SIGNIFICANCE OF NORMATIVE CORUNDUM IN CALC-ALKALINE VOLCANIC ROCK SERIES**

JJA Min, PE Geol - Ganseki Kōbutsu Kōshō Gakkai shi, 1987 - Nihon Ganseki Kōbutsu Kōshōgakkai

[Related Articles](#) - [Web Search](#)

[CITATION] **PROPERTIES AND USES OF PENNSYLVANIA SHALES AND CLAYS, SOUTHEASTERN PENNSYLVANIA**

KV Hoover, TE Saylor, DM Lapham, ME Tyrell - Bulletin M., 1924 - Bureau of Topographic and Geologic Survey

[Web Search](#) - [Library Search](#)

Methyl Mercury

GO ARRHENIUS, HF HAILOW, M HAUIS, T EISNEX, A ... - Science, 1883 - books.google.com

... re -flected onto itself at the mirror surface, meets the ... any part of the cell by
simply changing the delay ... the appropriate positions in order to remove the SHG ...

[Related Articles](#) - [Web Search](#)

[CITATION] **SOME RESERVOIR SITES IN THE SIERRA NEVADA, CALIFORNIA**

IAM WOTAT - Geological Survey Circular, 1983 - The Survey

[Web Search](#)

[CITATION] **NORMATIVE MINERALS The normative minerals selected (except for hematite and apatite) are minerals ...**

IV Sample - Journal of the Tennessee Academy of Science, 1926 - Tennessee Academy of Science

[Related Articles](#) - [Web Search](#)

[CITATION] **CRAWFORD COUNTY Bristol Hill 15,370 Total 15,370 CUMBERLAND COUNTY Trowbndge 172**

EFFI COUNTY, F COUNTY, F COUNTY, J COUNTY, M ... - Circular, 1938 - Illinois State Geological Survey

[Related Articles](#) - [Web Search](#)

[CITATION] **nterstitial fluid volume, colloid osmotic ind hydrostatic pressures in rat skeletal muscle. iffect ...**

DLFK REED - Acta physiologica Scandinavica, 1940 - Published for the Scandinavian Physiological Society by ...

[Web Search](#)

[CITATION] **1 966 ALBERS: KLAMATH MOUNTAINS 61 sulfide deposits in the West and East Shasta copper-zinc ...**

DITOB E ASSOCIATED, DCBYS PROCESSES - Geology of Northern California, 1966 - Division of Mines and Geology

[Related Articles](#) - [Web Search](#)

[CITATION] **Short Notes**

M EWING, BC HEEZEN, DB ERICSON, J NORTHROP, J ... - Bulletin of the Geological Society of America, 1960 - The Society]

[Related Articles](#) - [Web Search](#)

[CITATION] **Reaction of Di-iodonitrosyl [tris (3, 5-dimethylpyrazolyl) borato]-molybdenum with a,<>-Alkanediols ...**

OCHCH OCH, OCHCH OH, CH OCH, OH CH - Journal of the Chemical Society, 1999 - Chemical Society

[Web Search](#)

[PDF] **CAPSULE GEOLOGY** - [all 4 versions »](#)

E MAP - HOST ROCK, 1983 - [em.gov.bc.ca](#)

... 13, May 29,(Gold & Precious Metal Insert), July 24, Oct ... Carbonate-hosted disseminated

Au-Ag SHAPE: Irregular DIMENSION: 800 x 600 Metres STRIKE/DIP: TREND/PLUNGE ...

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[PDF] **CAPSULE GEOLOGY** - [all 4 versions »](#)

E BULL, E MAP - HOST ROCK, 1928 - [em.gov.bc.ca](#)

... Vein, averages 0.6 metres in width and has surface strike length of 27 metres conforms to attitude of enclosing rocks which strike 100 degrees and dip 40 to 60 ...

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